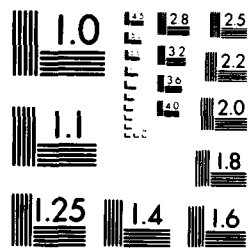


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APR 72

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22

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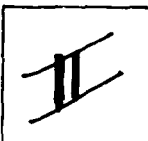


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USAFETAC
Air Weather Service (MAC)

REVISED UNIFORM SUMMARY OF
SURFACE WEATHER OBSERVATIONS

GLASGOW MONTANA AFB
N 48 24 W 106 31 ELEV 2772 FT KGSG WMO#

WBAN# 94010
WMO#

PARTS A-F

POR FROM HOURLY OBS: JUL 59-MAY 68
POR FROM DAILY OBS: JUL 59-MAY 68

APR 17 1972

FEDERAL BUILDING
ASHEVILLE, N. C.

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CARL A. BOWER, JR.
Chief, Data Reference Section
Climatological Services Branch

FOR THE COMMANDER



WALTER S. BURGMANN
Scientific & Technical
Information Officer

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4. TITLE (and Subtitle)		5. TYPE OF REPORT & PERIOD COVERED
Revised Uniform Summary of Surface Weather Observations (RUSSWO)- Glasgow AFB, Glasgow, Montana		Final rept.
7. AUTHOR(s)		6. PERFORMING ORG. REPORT NUMBER
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USAFETAC/OL-A Air Force Environmental Technical Appl. Center Scott AFB IL 62225		
11. CONTROLLING OFFICE NAME AND ADDRESS		12. REPORT DATE
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19. KEY WORDS (Continue on reverse side if necessary and identify by block number)		
*RUSSWO Daily temperature Atmospheric pressure Snowfall Extreme snow depth Extreme surface winds Climatology Sea-level pressure Psychrometric summary Surface Winds Extreme temperature Ceiling versus visibility Relative humidity *Climatological data (over)		
20. ABSTRACT (Continue on reverse side if necessary and identify by block number)		
This report is a six-part statistical summary of surface weather observations for Glasgow AFB, Glasgow, Montana It contains the following parts: (A) Weather Conditions; Atmospheric Phenomena; (B) Precipitation, Snowfall and Snow Depth (daily amounts and extreme values); (C) Surface winds; (D) Ceiling Versus Visibility; Sky Cover; (E) Psychrometric Summaries (daily maximum and minimum temperatures, extreme maximum and minimum temperatures, psychrometric summary of wet-bulb temperature depression versus dry-bulb temperature, means and standard deviations of dry-bulb, wet-bulb (over)		

DD FORM
1 JAN 73 1473

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19. Percentge frequency of distribution tables
Dry-bulb temperature versus wet-bulb temperature
Cumulative percentage frequency of distribution tables

* Montana

*

Glasgow AFB, MT

20. and dew-point temperatures and relative humidity); and (F) Pressure
Summary (means, standard, deviations, and observation counts of
station pressure and sea-level pressure). Data in this report are
presented in tabular form, in most cases in percentage frequency of
occurrence or cumulative percentage frequency of occurrence tables.

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USAFETAC OL-1
AIR WEATHER SERVICE (MAC)

REVISED UNIFORM SUMMARY OF SURFACE WEATHER OBSERVATIONS

HOURLY OBSERVATIONS

Hourly observations are defined as those record or record-special observations recorded at scheduled hourly intervals.

DAILY OBSERVATIONS

Daily observations are selected from all data recorded on reporting forms and combined into Summary of the Day observations. (Selected from record-special, local, summary of the day, remarks, etc.)

DESCRIPTION OF SUMMARIES

Preceding each section is a brief description of the data comprising each part of the Revised Uniform Summary of Surface Weather Observation and the manner of presentation. Tabulations are prepared from hourly and daily observations recorded by stations operated by the U. S. Services and some foreign stations using similar reporting practices.

Unless otherwise noted the following summaries are included for this station:

PART A WEATHER CONDITIONS

ATMOSPHERIC PHENOMENA

PART B PRECIPITATION

SNOWFALL

SNOW DEPTH

PART C SURFACE WINDS

PART D CEILING VERSUS VISIBILITY

SKYCOVER

PART E DAILY MAX, MIN, & MEAN TEMP

EXTREME MAX & MIN TEMP

PSYCHROMETRIC-DRY VS WET BULB

MEAN & STD DEV -
(DRY BULB, WET BULB, & DEW POINT)

RELATIVE HUMIDITY

PART F STATION PRESSURE

SEA LEVEL PRESSURE

STANDARD 3-HOUR GROUPS

All summaries requiring diurnal variations are summarized in eight 3-hour periods corresponding to the following sets of hourly observations: 0000-0200, 0300-0500, 0600-0800, 0900-1100, 1200-1400, 1500-1700, 1800-2000, 2100-2300 hours local standard time.

MISSING HOUR GROUPS

Summary sheets are omitted when stations maintaining limited observing schedules did not report certain three-hour periods for any particular month during the available period of record. Such missing sheets are listed below, and are applicable to all summaries prepared from hourly observations.

JANUARY _____

FEBRUARY _____

MARCH _____

APRIL _____

MAY _____

JUNE _____

JULY _____

AUGUST _____

SEPTEMBER _____

OCTOBER _____

NOVEMBER _____

DECEMBER _____

STATION NUMBER		STATION NAME		LATITUDE		LONGITUDE		STATION ELEVATION		WMO NUMBER	
		WASCOVILLE, ILLINOIS AFB		38° 12' N		89° 55' W		1000		1000	
STATION LOCATION AND INSTRUMENTATION HISTORY											
NUMBER OF LOCATION	GEOGRAPHICAL LOCATION & NAME	TYPE OF STATION	AT THIS LOCATION		LATITUDE	LONGITUDE	ELEVATION ABOVE MSL		OBS PER DAY		
			FROM	TO			STATION	TYPE BAROMETER			
1	WASCOVILLE, ILLINOIS AFB	AFB	Oct 54	Jan 55	38° 12' N	89° 55' W	1000		1		
2	WASCOVILLE, ILLINOIS AFB	AFB	Jan 55	May 55	38° 12' N	89° 55' W	1000		1		
3	WASCOVILLE, ILLINOIS AFB	AFB	May 55	Jan 56	38° 12' N	89° 55' W	1000		1		
4	WASCOVILLE, ILLINOIS AFB	AFB	Jan 56	Jan 56	38° 12' N	89° 55' W	1000		1		

NUMBER OF LOCATION	DATE OF CHANGE	SURFACE WIND EQUIPMENT INFORMATION				REMARKS, ADDITIONAL EQUIPMENT OR REASON FOR CHANGE
		LOCATION	TYPE OF TRANSMITTER	TYPE OF RECORDER	HT ABOVE GROUND	
1	Oct 54	Located on top of control tower.	11/100-1	11/100	1000	
2	Jan 55	No change	11/100-1	11/100	1000	
3	May 55	No change	11/100-1	11/100	1000	
4	Jan 56	Located between Runway 20 and taxiway.	11/100-1	11/100	1000	

USAFETAC FORM 0-19 (OL A)

CONTINUED ON REVERSE SIDE

NUMBER OF LOCATION	DATE OF CHANGE	SURFACE WIND EQUIPMENT INFORMATION				REMARKS, ADDITIONAL EQUIPMENT, OR REASON FOR CHANGE
		LOCATION	TYPE OF TRANSMITTER	TYPE OF RECORDER	HT ABOVE GROUND	
5	Mar 56	1. 1000 ft. above Runway 20 and the terminal.	AN/UM-11	RO-2	13 ft.	
	Sep 56	2. 1000 ft. above approach end of Runway 10.	AN/UM-11		13 ft.	
6	Oct 56	1. 1000 ft. 150 ft. from approach end of Runway 10.		RO-2	15 ft.	
	Jun 58	2. 1000 ft. 150 ft. from approach end of Runway 10.	AN/UM-11		15 ft.	

NAI-18 APR 11 1958

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ASHEVILLE, NORTH CAROLINA

PART A

WEATHER CONDITIONS

This summary is a percentage frequency occurrence of various atmospheric phenomena and obstructions to vision, derived from hourly observations, and is presented in two tables as follows:

1. By month and annual, all hours and years combined.
2. By month, all years combined, by standard 3-hour groups.

Occurrences of the various phenomena included in each category on the forms are listed below:

Thunderstorms - All reported occurrences of thunderstorm, tornado, and waterspout.

Rain and/or drizzle - All liquid precipitation, falling to the ground, not freezing.

Freezing rain and/or freezing drizzle (glaze) - Precipitation falling in liquid form, but freezing on contact with an unheated surface.

Snow and/or sleet - Included are snow, sleet, snow pellets (soft hail), snow grains, and ice crystals.

Hail - Occurrences of hail and small hail are included.

Percentage of observations with precipitation - Included in this category are the observations when one or more of the above phenomena occurred. Since more than one type of precipitation may be reported in the same observation, the sums of the individual categories may exceed the total columns.

Fog - Included are fog, ice fog, and ground fog.

Smoke and/or haze - Occurrences of smoke, haze, or combinations of smoke and haze are included.

Blowing snow - Occurrences of blowing snow (also drifting snow when reported from non-WBAN sources.)

Dust and/or sand - Included are blowing dust, blowing sand, and dust.

Blowing spray - This item if reported, is not shown in a separate category on this form but is included in the computation Percentage of Observations with Obstructions to Vision, below.

Percentage of observations with obstructions to vision - Included in this category are the observations when one or more of the above obstructions to vision occurred. Since more than one type of obstruction may be reported in the same observation, the sums of the individual categories may exceed the percentage total columns. Also, although precipitation may reduce visibility, it is not considered an obstruction to vision for purposes of this summary; therefore, the percentage total of obstructions to vision need not reflect the total observations with reduced visibility.

2

DATA PROCESSING DIVISION
USAF ETAC
AIR FORCE ENGINEERING SERVICE CENTER

WEATHER CONDITIONS

04010
STATION

GLASGOW MONTANA AFB
STATION NAME

59-68

YEARS

ALL
MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE OF WEATHER
CONDITIONS FROM HOURLY OBSERVATIONS

MONTH	HOURS (L.S.T.)	THUNDER- STORMS	RAIN AND OR DRIZZLE	FREEZING RAIN & / OR DRIZZLE	SNOW AND OR SLEET	HALE	% OF OBS WITH PRECIP.	FOG	SMOKE AND OR HAZE	BLOWING SNOW	DUST AND OR SAND	% OF OBS WITH OBST TO VISION	TOTAL NO. OF OBS
JAN.	ALL		.2	.1	14.8		15.0	5.6	.5	4.0	.2	9.8	6696
FEB			.4	.4	15.3		15.9	8.6	.1	3.7	.1	12.2	6120
MAR			.7	.2	10.0		10.9	5.1	.3	2.1	.1	7.4	6672
APR		.0	2.4	.2	6.9		9.2	4.0	.0	2.0	.2	6.0	6480
MAY		.6	7.5		.9		8.3	1.5	.0		.1	1.7	6692
JUN		1.4	7.3			.0	7.3	1.7			.0	1.7	5760
JUL		2.3	3.0				3.0	.3			.1	.4	6551
AUG		.9	3.8			.0	3.8	.5	.2		.1	.7	6696
SEP		.2	4.5		.7		5.1	1.1	.0	.1	.0	1.3	6480
OCT		.0	2.8	.1	1.6		4.3	1.8	.0	.7	.0	2.4	6696
NOV			1.2	.2	7.0		8.2	3.5	.0	1.1	.2	4.8	6480
DEC			.1	.3	11.4		11.7	6.3	.1	3.5	.0	9.8	6696
TOTALS		.5	2.8	.1	5.7	.0	8.6	3.3	.1	1.4	.1	4.9	78039

1
2 DATA PROCESSING DIVISION
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AIR WEATHER SERVICE/MAC

WEATHER CONDITIONS

94010
STATION

GLASGOW MONTANA AFB
STATION NAME

60-68
YEARS

JAN
MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE OF WEATHER CONDITIONS FROM HOURLY OBSERVATIONS

MONTH	HOURS (L.S.T.)	THUNDER- STORMS	RAIN AND OR DRIZZLE	FREEZING RAIN & OR DRIZZLE	SNOW AND OR SLEET	HAIL	% OF OBS WITH PRECIP.	FOG	SMOKE AND OR HAZE	BLOWING SNOW	DUST AND OR SAND	% OF OBS WITH OBST TO VISION	TOTAL NO OF OBS
JAN	00-02			.1	16.2		16.4	4.8	.1	4.7	.1	8.8	837
	03-05				16.4		16.4	4.4	.1	4.5		8.8	837
	06-08			.4	17.0		17.1	7.0	.5	4.1		11.1	837
	09-11		.2	.1	17.6		17.8	8.0	1.2	4.2	.4	13.1	837
	12-14		.1		15.2		15.2	4.9	1.3	3.8	.4	10.4	837
	15-17		.6		10.8		11.1	4.9	.8	3.5	.4	9.0	837
	18-20		.2		10.9		11.1	5.9	.1	2.9		8.5	837
	21-23		.5	.1	14.6		15.1	3.0		3.9	.4	9.0	837
TOTALS			.2	.1	14.8		15.0	5.6	.5	4.0	.2	9.8	6696

2

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 USAF ETAC
 AIR WEATHER SERVICE/MAC

WEATHER CONDITIONS

94010

STATION

GLASGOW MONTANA AFB

STATION NAME

60-68

YEARS

FEB

MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE OF WEATHER
 CONDITIONS FROM HOURLY OBSERVATIONS

MONTH	HOURS (L.S.T.)	THUNDER- STORMS	RAIN AND OR DRIZZLE	FREEZING RAIN & /OR DRIZZLE	SNOW AND/OR SLEET	HAIL	% OF OBS WITH PRECIP	FOG	SMOKE AND OR HAZE	BLOWING SNOW	DUST AND OR SAND	% OF OBS WITH OBST TO VISION	TOTAL NO OF OBS
FEB	00-02		.4	.8	17.4		18.6	10.8	.3	2.7		13.5	765
	03-05		.1	.8	17.6		18.6	10.1	.3	2.6		12.5	765
	06-08		.7	.1	17.8		18.3	11.2		4.1		15.3	765
	09-11		.4		14.9		15.3	9.3		4.6	.1	13.7	765
	12-14		.8		13.7		14.5	7.7		5.5	.4	13.1	765
	15-17		.1	.1	12.7		12.9	5.8	.1	5.2	.3	11.0	765
	18-20			.4	12.7		12.9	6.3		2.6		8.9	765
	21-23		.3	.7	15.3		16.1	7.6		1.8		9.4	765
TOTALS			.4	.4	15.3		15.9	8.6	.1	3.7	.1	12.2	6120

2

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USAF ETAC
AIR WEATHER SERVICE/MAC

WEATHER CONDITIONS

94010

STATION

GLASGOW MONTANA AFB

STATION NAME

60-68

YEARS

MAR

MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE OF WEATHER
CONDITIONS FROM HOURLY OBSERVATIONS

MONTH	HOURS (L.S.T.)	THUNDER- STORMS	RAIN AND/OR DRIZZLE	FREEZING RAIN & /OR DRIZZLE	SNOW AND/OR SLEET	HAIL	% OF OBS WITH PRECIP.	FOG	SMOKE AND/OR HAZE	BLOWING SNOW	DUST AND/OR SAND	% OF OBS WITH OBST TO VISION	TOTAL NO. OF OBS
MAR	00-02		.6	.2	8.7		9.6	3.5		2.0		5.5	837
	03-05		.5	1.0	12.2		13.3	5.0		2.0		7.1	836
	06-08		.6	.4	11.6		12.6	8.9		2.5		11.1	835
	09-11		.4	.1	12.2		12.7	7.7	.4	2.8		10.4	836
	12-14		.7	.1	9.8		10.6	4.9	.7	3.2	.1	8.7	837
	15-17		1.0		9.7		10.6	4.2	.5	2.0	.6	7.4	837
	18-20		.8		8.8		9.7	4.1	.2	1.0	.1	5.4	837
	21-23		1.3	.1	6.7		8.0	2.5	.2	1.1	.1	3.9	837
TOTALS			.7	.2	10.0		10.9	3.1	.3	2.1	.1	7.4	6692

2 DATA PROCESSING DIVISION
USAF ETAC
AIR WEATHER SERVICE/MAC

WEATHER CONDITIONS

94010
STATION

GLASGOW MONTANA AFB
STATION NAME

60-68
YEARS

APR
MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE OF WEATHER CONDITIONS FROM HOURLY OBSERVATIONS

MONTH	HOURS (L.S.T.)	THUNDER- STORMS	RAIN AND/OR DRIZZLE	FREEZING RAIN & /OR DRIZZLE	SNOW AND/OR SLEET	HAIL	% OF OBS WITH PRECIP.	FOG	SMOKE AND/OR HAZE	BLOWING SNOW	DUST AND OR SAND	% OF OBS WITH OBST TO VISION	TOTAL NO OF OBS
APR	00-02		2.0	.7	4.0		8.5	3.1		.9		4.0	810
	03-05		2.3	.4	6.8		9.1	4.8	.1	1.6		6.5	810
	06-08	.1	2.2		8.8		10.6	6.7	.1	2.3		9.1	810
	09-11		2.8		8.3		10.9	4.8		2.2	.4	7.4	810
	12-14		3.3		7.7		10.7	3.1		2.0	.5	5.1	810
	15-17		3.0		5.6		8.3	2.6		2.5	.5	4.9	810
	18-20	.1	2.0	.2	5.9		7.9	3.8		2.3		5.7	810
	21-23	.1	1.6	.5	5.7		7.7	3.2		2.0	.1	4.9	810
TOTALS		.0	2.4	.2	6.9		9.2	4.0	.0	2.0	.2	6.0	6480

2

DATA PROCESSING DIVISION
USAF ETAC
AIR WEATHER SERVICE/MAC

WEATHER CONDITIONS

94010
STATION

GLASGOW MONTANA AFB
STATION NAME

60-68
YEARS

MAY
MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE OF WEATHER
CONDITIONS FROM HOURLY OBSERVATIONS

MONTH	HOURS (L.S.T.)	THUNDER- STORMS	RAIN AND/OR DRIZZLE	FREEZING RAIN & /OR DRIZZLE	SNOW AND/OR SLEET	HAIL	% OF OBS WITH PRECIP.	FOG	SMOKE AND/OR HAZE	BLOWING SNOW	DUST AND/OR SAND	% OF OBS WITH OBST TO VISION	TOTAL NO. OF OBS.
MAY	00-02	.2	7.8		1.0		8.7	1.3	.1		.1	1.6	837
	03-05	.4	7.6		.8		8.5	1.7	.2			1.9	837
	06-08	.6	7.2		1.3		8.4	2.0				2.0	837
	09-11	.1	7.4		1.6		8.7	1.4				1.4	837
	12-14	.5	7.6		.7		8.4	1.0				1.0	837
	15-17	.4	6.9		.7		7.5	1.4				1.4	837
	18-20	1.1	7.4		.2		7.7	1.8			.4	2.2	836
	21-23	1.6	7.8		.6		8.4	1.7			.4	2.0	834
TOTALS		.6	7.5		.9		8.3	1.5	.0		.1	1.7	6092

2

DATA PROCESSING DIVISION
USAF ETAC
AIR WEATHER SERVICE/MAC

WEATHER CONDITIONS

94010

STATION

GLASGOW MONTANA AFB

STATION NAME

60-67

YEARS

JUN

MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE OF WEATHER
CONDITIONS FROM HOURLY OBSERVATIONS

MONTH	HOURS (L.S.T.)	THUNDER- STORMS	RAIN AND/OR DRIZZLE	FREEZING RAIN & /OR DRIZZLE	SNOW AND/OR SLEET	HAIL	% OF OBS WITH PRECIP.	FOG	SMOKE AND/OR HAZE	BLOWING SNOW	DUST AND/OR SAND	% OF OBS WITH OBST TO VISION	TOTAL NO. OF OBS.
JUN	00-02	.7	7.8				7.8	1.1				1.1	720
	03-05	1.3	6.9				6.9	4.2			.1	4.3	720
	06-08	.7	6.9				6.9	3.1				3.1	720
	09-11	.6	6.9				6.9	1.8				1.8	720
	12-14	.8	6.1			.1	6.1	.7				.7	720
	15-17	1.8	7.9			.1	7.9	.8			.1	1.0	720
	18-20	1.8	6.4				6.4	.8				.8	720
	21-23	3.2	9.3				9.3	1.1				1.1	720
TOTALS		1.4	7.3			.0	7.3	1.7			.0	1.7	5760

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WEATHER CONDITIONS

94010
STATION

GLASGOW MONTANA AFB
STATION NAME

59-67
YEARS

JUL
MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE OF WEATHER CONDITIONS FROM HOURLY OBSERVATIONS

MONTH	HOURS (L.S.T.)	THUNDER- STORMS	RAIN AND/OR DRIZZLE	FREEZING RAIN & /OR DRIZZLE	SNOW AND/OR SLEET	HAIL	% OF OBS WITH PRECIP.	FOG	SMOKE AND/OR HAZE	BLOWING SNOW	DUST AND/OR SAND	% OF OBS WITH OBST TO VISION	TOTAL NO. OF OBS.
JUL	00-02	4.5	4.5				4.5	.3				.3	799
	03-05	2.8	3.4				3.4	.9				.9	813
	06-08	.8	2.3				2.3	1.1				1.1	825
	09-11	.4	2.3				2.3	.1				.1	830
	12-14	.4	2.4				2.4	.2				.2	827
	15-17	1.2	1.4				1.4						829
	18-20	3.0	3.0				3.0				.4	.4	824
	21-23	4.9	4.4				4.4						804
TOTALS		2.2	3.0				3.0	.3			.1	.4	6551

2

DATA PROCESSING DIVISION
USAF ETAC
AIR WEATHER SERVICE/MAC

WEATHER CONDITIONS

94010

STATION

GLASGOW MONTANA AFB

STATION NAME

59-67

YEARS

AUG

MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE OF WEATHER
CONDITIONS FROM HOURLY OBSERVATIONS

MONTH	HOURS (L.S.T.)	THUNDER- STORMS	RAIN AND/OR DRIZZLE	FREEZING RAIN & /OR DRIZZLE	SNOW AND/OR SLEET	HAIL	% OF OBS WITH PRECIP	FOG	SMOKE AND/OR HAZE	BLOWING SNOW	DUST AND/OR SAND	% OF OBS WITH OBST TO VISION	TOTAL NO. OF OBS.
AUG	00-02	1.7	4.7			.1	4.7	.1				.1	837
	03-05	1.0	4.9				4.9	1.2				1.2	837
	06-08	.1	2.7				2.7	.7	.1			.8	837
	09-11	.1	3.6				3.6	.4	.6		.1	1.1	837
	12-14	.4	3.2				3.2	.6	.5		.1	1.2	837
	15-17	.5	2.7				2.7	.1			.4	.5	837
	18-20	1.4	3.3				3.3	.1			.2	.4	837
	21-23	1.7	5.6				5.6	.5				.5	837
TOTALS		.9	3.8			.0	3.8	.5	.2		.1	.7	6696

2

DATA PROCESSING DIVISION
USAF ETAC
AIR WEATHER SERVICE/MAC

WEATHER CONDITIONS

94010

GLASGOW MONTANA AFB

59-67

SEP

STATION

STATION NAME

YEARS

MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE OF WEATHER
CONDITIONS FROM HOURLY OBSERVATIONS

MONTH	HOURS (L.S.T.)	THUNDER- STORMS	RAIN AND/OR DRIZZLE	FREEZING RAIN & /OR DRIZZLE	SNOW AND/OR SLEET	HAIL	% OF OBS WITH PRECIP.	FOG	SMOKE AND/OR HAZE	BLOWING SNOW	DUST AND/OR SAND	% OF OBS WITH OBST TO VISION	TOTAL NO. OF OBS.
SEP	00-02	.1	4.8		.2		4.9	1.6				1.6	810
	03-05		4.9		1.2		6.0	.9				.9	810
	06-08	.2	5.9		1.0		6.7	2.8				2.8	810
	09-11	.2	4.1		1.4		5.4	1.7		.2		2.0	810
	12-14	.2	2.6		.6		3.2	.2		.2		.5	810
	15-17	.1	2.5		.4		2.8	.4	.1	.4	.2	1.1	810
	18-20	.5	4.7		.2		4.9	.7	.2		.1	1.1	810
	21-23	.4	6.5		.4		6.5	.2				.2	810
TOTALS		.2	4.5		.7		5.1	1.1	.0	.1	.0	1.3	6480

2

DATA PROCESSING DIVISION
USAF ETAC
AIR WEATHER SERVICE/MAC

WEATHER CONDITIONS

04010

STATION

GLASGOW MONTANA AFB

STATION NAME

59-67

YEARS

CT

MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE OF WEATHER
CONDITIONS FROM HOURLY OBSERVATIONS

MONTH	HOURS (L.S.T.)	THUNDER- STORMS	RAIN AND/OR DRIZZLE	FREEZING RAIN & /OR DRIZZLE	SNOW AND/OR SLEET	HAIL	% OF OBS WITH PRECIP.	FOG	SMOKE AND/OR HAZE	BLOWING SNOW	DUST AND OR SAND	% OF OBS WITH OBST TO VISION	TOTAL NO OF OBS
OCT	00-02		4.4		1.4		3.9	1.1		.4		1.4	837
	03-05	.1	3.1	.2	1.9		4.9	1.6		.6		2.2	837
	06-08		3.0	.4	2.2		3.0	3.6		1.0		4.4	837
	09-11		2.6	.2	2.4		4.8	2.7		1.1		3.5	837
	12-14		1.7		1.7		3.3	2.2		.7	.1	2.6	837
	15-17		1.7		1.9		3.5	1.6		.7	.2	2.3	837
	18-20		1.8		.6		2.4	1.2	.2	.7		1.9	837
	21-23		3.8		1.0		4.7	.6		.4		1.0	837
TOTALS		.0	2.8	.1	1.6		4.3	1.8	.0	.7	.0	2.4	6696

2

DATA PROCESSING DIVISION
USAF ETAC
AIR WEATHER SERVICE/MAC

WEATHER CONDITIONS

94010
STATION

GLASGOW MONTANA AFB
STATION NAME

59-67
YEARS

NIV
MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE OF WEATHER
CONDITIONS FROM HOURLY OBSERVATIONS

MONTH	HOURS (LST.)	THUNDER- STORMS	RAIN AND/OR DRIZZLE	FREEZING RAIN & /OR DRIZZLE	SNOW AND/OR SLEET	HAIL	% OF OBS WITH PRECIP.	FOG	SMOKE AND/OR HAZE	BLOWING SNOW	DUST AND/OR SAND	% OF OBS WITH OBST TO VISION	TOTAL NO OF OBS
NIV	00-02		1.0	.2	6.2		7.3	2.3		1.2	.2	4.0	810
	03-05		.5	.5	7.8		8.8	2.8		1.1	.2	4.2	810
	06-08		.5	.2	5.9		6.7	5.4		1.2		6.7	810
	09-11		1.0	.4	7.4		8.6	5.9		1.2		6.8	810
	12-14		1.2	.1	7.0		8.0	2.8	.1	1.2	.4	4.2	810
	15-17		2.0	.2	6.7		8.5	3.8		1.1	.4	5.3	810
	18-20		1.4	.2	6.7		7.8	2.7		1.2		4.0	810
	21-23		1.6		8.3		9.6	2.1		.7		2.8	810
TOTALS			1.2	.2	7.0		8.2	3.3	.0	1.1	.2	4.8	6480

2

DATA PROCESSING DIVISION
USAF ETAC
AIR WEATHER SERVICE/MAC

WEATHER CONDITIONS

04010
STATION

GLASGOW MONTANA AFB
STATION NAME

59-67

YEARS

JFC
MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE OF WEATHER
CONDITIONS FROM HOURLY OBSERVATIONS

MONTH	HOURS (L.S.T.)	THUNDER- STORMS	RAIN AND/OR DRIZZLE	FREEZING RAIN & /OR DRIZZLE	SNOW AND/OR SLEET	HAIL	% OF OBS WITH PRECIP	FOG	SMOKE AND/OR HAZE	BLOWING SNOW	DUST AND OR SAND	% OF OBS WITH OBST TO VISION	TOTAL NO OF OBS
DEC	00-02		.1	.4	11.1		11.5	6.2		3.7		9.9	837
	03-05		.1	.4	10.4		10.9	7.0		2.4		9.4	837
	06-08		.1	.2	10.9		11.1	7.5	.1	2.6		10.2	837
	09-11			.4	12.9		13.3	9.1	.2	3.9		13.1	837
	12-14				11.6		11.6	6.0		3.6	.1	9.3	837
	15-17		.1	.2	9.7		9.8	5.3		3.1		8.1	837
	18-20		.1		11.9		12.1	4.1		3.8		7.9	837
	21-23			.4	13.0		13.4	5.0	.1	5.1		10.3	837
TOTALS			.1	.3	11.4		11.7	6.3	.1	3.5	.0	9.8	6696

PART A

ATMOSPHERIC PHENOMENA

This summary is a presentation of the percentage of days with occurrences of various atmospheric phenomena. These data are obtained from all recorded information on the reporting forms and combined into a daily observation.

The descriptions of the phenomena in the Weather Conditions Summary above also apply for the categories summarized in these tabulations. However, it should be noted that in this summary the columns headed "% OF OBS WITH PRECIP" and "% OF OBS WITH OBST TO VISION" show the percentage of days rather than percentage of observations. Since more than one type of precipitation or more than one type of obstruction may occur in the same daily observation, the sum of the values in the individual columns may not equal the total columns.

This presentation is by month with annual totals, and is prepared with all years combined.

NOTE: A day with rain and/or drizzle was not separately reported in WBAN data prior to January 1949. Therefore percentages in this column are restricted to the period January 1949 and later.

A day with dust and/or sand was punched and included in this summary only when visibility was less than $5/8$ mile.

2

DATA PROCESSING DIVISION
USAF ETAC
AIR WEATHER SERVICE/MAC

XXXXXXXXXXXXXXXXXXXXXXXXXXXX
XXX WEATHER CONDITIONS
ATMOSPHERIC PHENOMENA

04010

GLASGOW MONTANA AFB

59-60

4LL

STATION

STATION NAME

YEARS

MONTH

PERCENTAGE OF DAYS WITH VARIOUS ATMOSPHERIC PHENOMENA
FROM DAILY OBSERVATIONS

MONTH	HOURS (L.S.T.)	THUNDER- STORMS	RAIN AND OR DRIZZLE	FREEZING RAIN & / OR DRIZZLE	SNOW AND OR SLEET	HAIL	% OF OBS WITH PRECIP.	FOG	SMOKE AND OR HAZE	BLOWING SNOW	DUST AND OR SAND	% OF OBS WITH OBST TO VISION	TOTAL NO OF OBS
JAN	DAILY		5.4	3.2	53.4		55.6	32.3	5.0	20.3		44.1	279
FEB			8.2	4.3	56.1		58.4	39.6	.8	18.4	.4	48.2	255
MAR			13.9	2.9	40.7	.4	50.2	25.3	1.8	8.4		30.0	273
APR		1.5	28.9	1.9	26.3	.4	45.9	16.3	.7	4.9	.4	19.6	270
MAY		9.4	46.0		5.4	1.1	48.6	9.0	.4	.4		9.7	278
JUN		17.1	46.7			4.2	46.7	13.3				13.3	240
JUL		26.3	38.3			1.9	38.3	2.3				2.3	266
AUG		13.6	34.4			1.1	34.4	4.3	.7			5.0	279
SEP		4.4	33.7		5.2	.4	35.6	9.3	.4	1.1	.4	10.0	270
OCT		.4	22.6	.7	9.0		27.6	9.7	.4	1.4		10.4	279
NOV			15.9	4.1	34.8		43.0	17.8	.7	5.9		22.2	270
DEC			3.9	2.9	42.7		43.7	25.1	.7	14.7		34.8	279
TOTALS		6.1	24.8	1.7	22.8	.8	44.0	17.0	1.0	6.3	.1	20.8	3238

DATA PROCESSING DIVISION
ETAC/USAF
AIR WEATHER SERVICE (MAC)
ASHEVILLE, NORTH CAROLINA

PART B PRECIPITATION, SNOWFALL & SNOW DEPTH

This portion of the Uniform Summary presents in two sets of tables, the daily amounts and extreme values of the following:

PRECIPITATION

DERIVED FROM DAILY OBSERVATIONS

SNOWFALL*

DERIVED FROM DAILY OBSERVATIONS

SNOW DEPTH

DERIVED FROM DAILY OBSERVATIONS

1. The first table for each of the above presents the percentage frequency of various daily amounts, by month and annual, all years combined. The percentage of days with measurable amounts is also computed monthly and annually. Also shown for the precipitation and snowfall tables, are the monthly mean amounts, annual mean amounts (sum of monthly mean amounts), and the extreme monthly amounts (greatest and least). The latter statistics above are not presented for the snow depth summary since they would have limited use and may be misleading.
2. The second set of tables for each of the above presents the extreme daily amounts by individual year and month for the entire period of record available. Also provided are the means and standard deviations for each month and annual (all months). The extremes for a month are not printed nor used in computations if one or more observations are missing.

NOTE: Snow depth was recorded and punched at various hours during the period available from U. S. operated stations. The periods and hours used in the snow depth summary vary by service and period as follows:

Air Force Stations	From beginning of record thru 1945	Snow depth at 0800 LST
	Jan 46-May 57	Snow depth at 1230 GCT
	Jun 57-present	Snow depth at 1200 GCT
U. S. Navy and Weather Bureau Stations	From beginning of record thru Jun 52	Snow depth at 0030 GCT
	Jul 52-May 57	Snow depth at 1230 GCT
	Jun 57-present	Snow depth at 1200 GCT

* Hail was included in snowfall occurrence in the summary of the day observation prior to Jan 1956,

2

DATA PROCESSING DIVISION
USAF ETAC
AIR CENTER SERVICE/TAC

DAILY AMOUNTS

PERCENTAGE FREQUENCY OF
PRECIPITATION
(FROM DAILY OBSERVATIONS)

44010

GLYSOUL MONTANA AFB

59-60

STATION

STATION NAME

YEARS

AMOUNTS (INCHES)														PERCENT OF DAYS WITH MEASUR- ABLE AMTS	TOTAL NO. OF OBS.	MONTHLY AMOUNTS (INCHES)		
PRECIP	NONE	TRACE	01	02-05	06-10	11-25	26-50	51-100	101-250	251-500	501-1000	1001-2000	OVER 2000			MEAN	GREATEST	LEAST
SNOWFALL	NONE	TRACE	0.1-0.4	0.5-1.4	1.5-2.4	2.5-3.4	3.5-4.4	4.5-6.4	6.5-10.4	10.5-15.4	15.5-25.4	25.5-50.4	OVER 50.4					
SNOW- DEPTH	NONE	TRACE	1	2	3	4-6	7-12	13-24	25-36	37-48	49-60	61-120	OVER 120					
JAN	43.0	33.3	3.2	9.3	4.3	5.5	.7							23.7	270	.01	1.34	.2
FEB	41.2	36.3	3.3	7.6	5.1	4.7	1.0							22.6	255	.53	1.35	.6
MAR	50.2	32.3	4.6	0.5	2.4	2.9	.7							17.4	270	.37	1.17	.02
APR	50.0	32.0	1.3	6.7	3.7	3.0	1.5	.4	.7					17.6	270	.01	2.55	NA CL
MAY	47.2	20.2	3.2	6.0	4.0	5.4	4.0	3.2	.4					25.6	240	1.77	3.01	.13
JUN	50.8	18.8	.0	7.1	3.4	7.1	0.7	3.8	1.3	.4				30.6	240	2.93	3.11	.91
JUL	50.9	19.9	2.8	4.4	4.4	3.2	3.2	2.0	1.2					21.4	240	1.57	3.38	.55
AUG	53.1	18.6	1.1	4.3	3.0	2.9	3.2	2.2	1.1					18.3	279	1.54	2.48	.02
SEP	62.6	19.4	3.0	5.2	1.1	4.1	3.0	.7	.7					17.8	270	1.04	2.50	.07
OCT	70.3	17.9	.4	3.2	2.9	2.3	.7	1.8	.4					11.6	279	.75	1.45	.03
NOV	54.1	30.7	1.3	6.3	3.7	2.2	1.5							15.2	270	.39	.98	.14
DEC	53.8	20.9	2.5	6.8	6.1	3.2	.7							17.4	279	.47	1.09	.07
ANNUAL	53.8	20.1	2.3	6.1	3.8	4.0	2.3	1.2	.5	.0				20.2	319	12.78		

1210 WS FORM JUL 64 0-15-5 (OL1)

PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

DATA PROCESSING DIVISION
USAF ETAC
AIR MATERIEL SERVICE/MAC

PRECIPITATION
FROM DAILY OBSERVATIONS

74010
STATION

GLASSBORO MONTANA AFB
STATION NAME

59-64

YEARS

24 HOUR AMOUNTS IN INCHES

[illegible]

USAF ETAC FORM 0-88-5 (OLI)

DATA PROCESSING DIVISION
USAF ETAC
AIR WEATHER SERVICE/PAW

EXTREME VALUES

PRECIPITATION
FROM DAILY OBSERVATIONS

4010
STATION

GLASGOW MONTANA AFB
STATION NAME

29-6H

YEARS

24 HOUR AMOUNTS IN INCHES
(BASED ON LESS THAN FULL MONTHS)

[illegible]

2

DATA PROCESSING DIVISION
USAF ETAC
AIR WEATHER SERVICE/MAC

DAILY AMOUNTS

PERCENTAGE FREQUENCY OF
SNOWFALL
(FROM DAILY OBSERVATIONS)

74010

GLASGOW MONTANA AFB

59-80

STATION

STATION NAME

YEARS

	AMOUNTS (INCHES)														PERCENT OF DAYS WITH MEASUR- ABLE AMTS	TOTAL NO. OF OBS	MONTHLY AMOUNTS (INCHES)		
PRECIP.	NONE	TRACE	.01	.02-.05	.06-.10	.11-.25	.26-.50	.51-1.00	1.01-2.50	2.51-5.00	5.01-10.00	10.01-20.00	OVER 20.00	MEAN			GREATEST	LEAST	
SNOWFALL	NONE	TRACE	0.1-0.4	0.5-1.4	1.5-2.4	2.5-3.4	3.5-4.4	4.5-6.4	6.5-10.4	10.5-15.4	15.5-25.4	25.5-50.4	OVER 50.4						
SNOW- DEPTH	NONE	TRACE	1	2	3	4-6	7-12	13-24	25-36	37-48	49-60	61-120	OVER 120						
JAN	45.5	37.5	4.7	8.6	4.3	1.1		.4						25.0	273	7.3	19.1	2.5	
FEB	43.1	35.3	8.0	10.2	2.4			.4						21.5	255	4.9	15.1	.9	
MAR	58.4	26.5	7.5	5.0	1.0	.4	.4							15.1	279	3.4	12.7	TRACE	
APR	72.2	17.4	4.6	1.9	2.2	.7	.4	.4						10.4	270	3.8	9.4	TRACE	
MAY	94.9	4.7	.4	.7	.4									1.4	270	.5	3.0	.0	
JUN	100.0														240	.0	.0	.0	
JUL	100.0														243	.0	.0	.0	
AUG	100.0														270	.0	.0	.0	
SEP	94.8	4.4	.4	.4										.7	270	.1	1.2	.0	
OCT	90.7	6.1	.4	1.1	1.1	.4		.4						3.2	279	2.0	9.2	.0	
NOV	64.1	24.4	4.8	4.4	.7	.7		.7						11.5	270	3.7	9.3	TRACE	
DEC	55.9	25.1	7.5	8.6	2.2	.7								19.0	279	5.0	10.9	.2	
ANNUAL	76.5	14.5	3.7	3.4	1.3	.3	.1	.2						8.9	3227	30.7			

1210 WS FORM JUL 64 0-15-5 (OL1)

PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

DATA PROCESSING DIVISION
USAF ETAL
AIR WEATHER SERVICE/MAC

EXTREME VALUES

WIND FALL

FROM DAILY OBSERVATIONS

44010
STATION

GLASLOW MONTANA AFB
STATION NAME

59-62

YEARS

24 HOUR AMOUNTS IN INCHES

[illegible]

德意志銀行

EXTREME VALUES

SUMMER FALL

(FROM DAILY OBSERVATIONS)

YEARS

24 HOUR AMOUNTS IN INCHES
/BASED ON LESS THAN FULL MONTHS/

[illegible]

USAF ETAC FORM 0-88-5 (OLI)

2

DATA PROCESSING DIVISION
WSA/ BTAC
AIR WEATHER SERVICE/TAC

DAILY AMOUNTS

PERCENTAGE FREQUENCY OF
SNOW DEPTH
(FROM DAILY OBSERVATIONS)

04010

GLASGOW MONTANA AFB

59-62

STATION

STATION NAME

YEARS

PRECIP.	AMOUNTS (INCHES)													PERCENT OF DAYS WITH MEASUR- ABLE AMTS	TOTAL NO. OF OBS.	MONTHLY AMOUNTS (INCHES)		
	NONE	TRACE	.01	.02-.05	.06-.10	.11-.25	.26-.50	.51-1.00	1.01-2.50	2.51-5.00	5.01-10.00	10.01-20.00	OVER 20.00			MEAN	GREATEST	LEAST
SNOWFALL	NONE	TRACE	0.1-0.4	0.5-1.4	1.5-2.4	2.5-3.4	3.5-4.4	4.5-6.4	6.5-10.4	10.5-15.4	15.5-25.4	25.5-50.4	OVER 50.4					
SNOW- DEPTH	NONE	TRACE	1	2	3	4-6	7-12	13-24	25-36	37-48	49-60	61-120	OVER 120					
JAN	6.2	7.3	21.1	10.0	5.4	31.2	10.5							84.2	279			
FEB	11.0	16.9	11.4	6.7	3.5	34.1	12.5	3.9						72.2	259			
MAR	41.2	13.5	4.7	3.5	7.0	24.0	3.9							45.2	179			
APR	78.1	9.0	3.4	1.9	2.2	3.3	1.5							12.2	270			
MAY	97.5	1.1	.7	.4	.4									1.4	279			
JUN	100.0														240			
JUL	100.0														248			
AUG	100.0														279			
SEP	99.0			.4										.4	270			
OCT	94.3	2.2	1.1	1.8	.4	.4								3.6	275			
NOV	68.9	8.1	6.5	6.3	5.2	3.0								23.0	270			
DEC	29.0	29.4	14.0	9.7	5.4	9.0	3.6							41.6	279			
ANNUAL	69.0	7.4	5.4	3.4	2.6	8.7	3.2	.3						23.6	2227			

1210 WS FORM JUL 64 0-15-3 (OL1)

PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

2

DATA PROCESSING DIVISION
USAF ETAC
AIR WEATHER SERVICE/MAC

EXTREME VALUES

SNOW DEPT.
FROM DAILY OBSERVATIONS

94010
STATION

GLASGOW MONTANA AFB
STATION NAME

59-58
YEARS

YEARS

DAILY SNOW DEPTH IN INCHES

MONTH YEAR	JAN.	FEB.	MAR.	APR.	MAY	JUN.	JUL.	AUG.	SEP.	OCT.	NOV.	DEC.	ALL MONTHS
59									0	0	4	6	1
60	3	5	5	10	TRACE	0	0	0	0	0	TRACE	3	5
61	3	5	3	TRACE	0	0	0	0	0	0	1	1	4
62	2	0	0	TRACE	0	0	0	0	0	0	TRACE	TRACE	2
63	4	2	1	TRACE	0	0	0	0	0	0	0	3	3
64	2	2	3	2	0	0	0	0	0	0	2	3	12
65	12	11	7	7	0	0	0	0	0	2	0	2	1
66	10	6	6	3	3	0	0	0	0	0	0	3	2
67	9	16	9	5	2	0	0	0	0	0	0	0	4
68	4	3	0	2	1								
MEAN	6.2	6.7	4.6	3.2	.7	.0	.0	.0	.2	.6	2.6	3.6	9.4
S. D.	3.632	4.472	2.920	2.492	1.114	.000	.000	.000	.066	1.394	2.068	1.383	4.103
TOTAL OBS.	279	259	279	270	279	240	248	279	270	279	270	279	3227

144

YEARS

FROM DAILY OBSERVATIONS

DAILY SNOW DEPTH IN INCHES
/BASED ON LESS THAN FULL MONTHS/

[illegible]

DATA PROCESSING DIVISION
ETAC/USAF
AIR WEATHER SERVICE (MAC)
ASHEVILLE, NORTH CAROLINA

PART C

SURFACE WINDS

Presented in this part are various tabulations of surface winds as follows:

1. Extreme Values - Peak Gusts: Derived from daily observations and presented by individual year and month for the entire period of record available. Speeds are presented in knots, while directions are given in 16 compass points from the beginning of record through 1963, and in tens of degrees starting in January 1964. When 90% or more of the daily observations of peak gust wind data are available for a month, the extreme is selected and printed. These values are then used to compute means and standard deviations for the entire period. Every month of a year must have valid observations present before the ALL MONTHS value is selected for that year. Means and standard deviations are computed when four or more values are present for any column. A supplementary list of Peak Gusts by year-month with < 90% observations reported is also provided.

NOTE: According to Circular N specifications, "peak gust data are recorded only at stations with continuous instantaneous wind-speed recorders."

2. Bivariate percentage frequency tabulations: Derived from hourly observations, these tabulations are a percentage frequency of wind directions to 16 compass points and calm by wind speeds (knots) in increments of Beaufort classifications. Percentages are shown by both direction and speed, and in addition the mean wind speed for each direction.

A separate category is provided on the form for variable winds, which are reported in some data sources. In these data where light and variable winds are reported with no directions but with speeds given, the speeds will be summarized in the appropriate groups opposite the column headed VARBL.

- a. Three tables are prepared for all surface winds included, and for all years combined as follows:

- (1) Annual - all hours combined
- (2) By month - all hours combined
- (3) By month - by standard 3-hour groups

- b. A separate annual table is also presented for surface winds meeting the following ceiling and visibility conditions: INSTRUMENT CLASS: Ceiling 200 through 1400 feet inclusive with visibility equal to or greater than 1/2 mile, and/or visibility 1/2 through 2-1/2 miles inclusive with ceiling equal to or greater than 200 feet.

2

DATA PROCESSING DIVISION
USAF ETAC
AIR WEATHER SERVICE/MAC

EXTREME VALUES

SURFACE WINDS
FROM DAILY OBSERVATIONS

94010
STATION

GLASGOW MONTANA AFB
STATION NAME

59-68

YEARS

DAILY PEAK GUSTS IN KNOTS

MONTH YEAR	JAN.	FEB.	MAR.	APR.	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ALL MONTHS
50									W	53W	43NW	49W	35
51	NW	34NNW	43NW	39ESE	43SE	32ESE	41S	42					
52						41W	49W	52W	60NNW	41NNW	30		
53						39W	63			W	40		
54	NW	45N	53	1W	42WSW	36SW	38N	42WNW	39WSW	40NW	40NW	40NW	41
55		36NW	45NNW	32N	37NNW	56NNW	42NW	32W	37NW	40W	50		41
56			W	46E	39NE	40W	43SE	52N	36NNW	42WNW	40W	39WNW	31
57	NN	53NNW	46NE	45ESE	46NNW	54SSW	43W	43NNW	40NW	49NNW	53L	42NNW	43
58	NW	51NNW	36NNW	39W	51W	42							44W 24
59													
60													
61													
62													
63													
64													
65													
66													
67													
68													
69													
70													
71													
72													
73													
74													
75													
76													
77													
78													
79													
80													
81													
82													
83													
84													
85													
86													
87													
88													
89													
90													
91													
92													
93													
94													
95													
96													
97													
98													
99													
00													
MEAN	42.8	44.0	40.2	43.0	42.5	45.0	43.8	43.0	40.0	43.1	42.5	38.4	59.0
S. D.	8.984	6.107	2.630	5.020	8.489	8.482	7.494	9.969	5.119	6.121	4.509	4.878	
TOTAL OBS.	151	189	159	179	244	202	182	149	179	214	119	151	2060

修德修心

EXTREME VALUES

FROM DAILY OBSERVATIONS

29-64

FEARS

DAILY PEAK GUSTS IN KNOTS
/BASED ON LESS THAN 90% OBSERVATIONS FOR MONTH/

USAF ETAC FORM 0-88-5 (OU)

2

DATA PROCESSING DIVISION
ETAC/USAF
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF WIND
DIRECTION AND SPEED
(FROM HOURLY OBSERVATIONS)

SURFACE WINDS

94010
STATIONGLASCO MONTANA AFB
STATION NAME59-68
YEARSALL
MONTHALL WEATHER
CLASSALL
HOURS (L E T.)

CONDITION

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	%	MEAN WIND SPEED
N	.5	1.3	1.7	1.7	.5	.2	.0	.0	.0			5.9	10.5
NNE	.5	1.3	1.0	.6	.2	.0	.0					3.7	8.0
NE	.5	1.2	.9	.6	.1	.0	.0					3.3	7.7
ENE	.5	1.1	1.1	.6	.2	.1	.0					3.5	8.2
E	.5	1.9	1.9	1.4	.3	.1	.0	.0				6.2	8.8
ESE	.5	1.6	2.1	1.8	.4	.1	.0					6.4	9.4
SE	.4	1.6	2.4	2.0	.3	.1	.0	.0				6.8	9.6
SSE	.2	1.8	1.8	1.0	.1	.0						5.2	7.9
S	.5	1.3	1.7	.8	.1	.0						4.6	7.7
SSW	.4	1.4	1.4	.3	.0	.0						3.6	7.0
SW	.3	1.3	1.2	.3	.0	.0	.0					3.2	7.1
WSW	.4	1.7	1.8	.8	.1	.0	.0					4.7	7.9
W	.4	2.0	3.7	3.0	.7	.3	.0	.0	.0	.0		10.0	10.2
WNW	.3	1.9	3.6	2.7	.9	.4	.1	.0	.0		.0	10.0	10.7
NW	.4	1.6	2.3	2.3	.9	.3	.1	.0	.0			8.1	11.4
NNW	.3	1.3	1.9	2.1	.8	.3	.0	.0				6.8	11.4
VARBL													
CALM												7.8	
	7.1	24.6	30.4	21.9	5.7	2.1	.3	.1	.0	.0	.0	100.0	8.7

TOTAL NUMBER OF OBSERVATIONS

78040

2

DATA PROCESSING DIVISION
ETAC/USAF
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF WIND
DIRECTION AND SPEED
(FROM HOURLY OBSERVATIONS)

SURFACE WINDS

94010
STATION

GLASGOW MONTANA AFB
STATION NAME

60-68
YEARS

JAN
MONTH

ALL WEATHER
CLASS

all
HOURS (L S T)

CONDITION

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	%	MEAN WIND SPEED
N	.2	1.0	1.8	2.2	.7	.5	.1	.0	.0			6.6	12.2
NNE	.3	1.0	.7	.4	.2	.1	.0					2.6	4.6
NE	.4	1.2	.6	.3	.1	.0						2.7	7.1
ENE	.5	1.0	.9	.5	.0							2.8	7.1
E	.9	2.3	2.8	1.4	.1							7.5	7.6
ESE	.6	1.7	2.3	1.8	.2							6.6	8.8
SE	.4	1.5	1.6	1.0	.1							4.5	8.0
SSE	.4	1.4	1.1	.4	.1							3.4	7.0
S	.5	1.5	1.1	.3								3.4	6.4
SSW	.4	1.0	1.4	.3								3.2	6.9
SW	.4	1.3	1.2	.3	.0							3.2	6.7
WSW	.4	2.1	2.5	1.4	.1							6.5	8.2
W	.4	2.2	4.6	4.3	.9	.1	.0					12.7	10.4
WNW	.3	1.9	4.1	3.9	.9	.2	.0	.0				11.4	10.8
NW	.4	1.5	2.7	2.2	1.0	.4	.1	.0				8.3	11.4
NNW	.2	1.0	1.7	2.8	1.0	.3	.1	.1				7.3	12.6
VARBL													
CALM												7.5	
	6.7	23.5	31.1	23.4	3.4	1.8	.4	.1	.0			100.0	8.7

TOTAL NUMBER OF OBSERVATIONS

6696

2

DATA PROCESSING DIVISION
ETAC/USAF
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF WIND
DIRECTION AND SPEED
(FROM HOURLY OBSERVATIONS)

SURFACE WINDS

94010
STATION

GLASGOW MONTANA AFB
STATION NAME

60-68
YEARS

FEB
MONTH

ALL WEATHER
CLASS

ALL
HOURS (L.S.T.)

CONDITION

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	%	MEAN WIND SPEED
N	.3	.7	1.3	1.4	.8	.5	.0	.0				9.1	12.6
NNE	.4	.8	.8	.3	.1	.0						2.4	7.9
NE	.4	1.3	.7	.4	.1							3.0	6.9
ENE	.4	.8	1.2	.6	.3	.0						3.3	8.7
E	.3	1.7	1.8	1.4	.6	.2						5.9	9.9
ESE	.5	1.3	1.9	1.9	.3	.0						6.0	9.5
SE	.4	1.7	2.5	1.5	.2	.0						6.2	8.6
SSE	.4	2.0	1.1	.7	.0							4.2	6.8
S	.4	1.9	1.4	.2								3.5	6.3
SSW	.6	1.4	1.3	.3								3.7	6.3
SW	.3	1.7	1.5	.2								3.7	6.7
WSW	.3	1.9	1.8	.5	.0							4.5	7.3
W	.5	2.6	4.2	3.1	.4	.1						10.8	9.2
WNW	.7	2.8	3.0	2.7	.6	.2		.0	.0			12.1	9.3
NW	.4	1.9	2.7	2.2	1.1	.6	.2	.0				9.1	11.4
NNW	.2	1.2	2.0	2.2	1.2	.6	.1	.0				7.5	12.3
VARBL													
CALM												9.0	
	6.0	25.2	31.2	19.6	5.7	2.2	.3	.1	.0			100.0	8.4

TOTAL NUMBER OF OBSERVATIONS

6120

2

DATA PROCESSING DIVISION
ETAC/USAF
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF WIND
DIRECTION AND SPEED
(FROM HOURLY OBSERVATIONS)

SURFACE WINDS

94010
STATION

GLASGOW MONTANA AFB
STATION NAME

60-68
YEARS

MAR
MONTH

ALL WEATHER
CLASS

ALL
HOURS (L.S.T.)

CONDITION

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	%	MEAN WIND SPEED
N	.7	1.8	2.2	1.9	.5	.2		.0				7.3	9.7
NNE	.6	1.7	.8	1.0	.3	.1						4.9	8.4
NE	.7	1.0	.7	.8	.1	.1	.0					3.4	8.2
ENE	.4	1.0	.9	.7	.2	.1	.0					3.4	9.3
E	.5	1.8	1.8	1.6	.1	.0						5.7	8.2
ESE	.6	1.9	1.9	1.9	.4	.1						6.8	9.3
SE	.4	1.7	2.6	2.2	.4	.1	.0					7.9	9.8
SSE	.6	2.0	1.9	1.0	.0	.0						5.5	7.4
S	.7	1.5	1.7	.5	.1	.0						4.5	7.1
SSW	.3	1.7	1.1	.2								3.3	6.5
SW	.2	1.1	1.0	.4		.0						2.7	7.4
WSW	.2	1.2	1.4	.5	.0							3.4	7.4
W	.5	2.1	2.9	2.5	.5	.2		.0				8.7	9.6
WNW	.5	2.0	3.4	2.0	1.0	.2	.0					9.1	10.1
NW	.4	1.9	2.9	2.7	1.1	.4	.1					9.4	11.1
NNW	.4	1.5	2.1	2.1	.8	.3	.0	.0				7.2	10.9
VARBL													
CALM												7.3	
	7.5	26.0	29.3	22.2	5.4	2.0	.1	.1				100.0	8.5

TOTAL NUMBER OF OBSERVATIONS

6692

2

DATA PROCESSING DIVISION
ETAC/USAF
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF WIND
DIRECTION AND SPEED
(FROM HOURLY OBSERVATIONS)

SURFACE WINDS

94010
STATIONGLASGOW MONTANA AFB
STATION NAME60-68
YEARSAPR
MONTHALL WEATHER
CLASSALL
HOURS (L.S.T.)

CONDITION

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	%	MEAN WIND SPEED
N	.3	1.5	1.7	2.4	.9	.3	.1					7.2	11.5
NNE	.3	1.1	1.0	1.9	.4	.1	.0					4.9	10.1
NE	.2	.7	1.1	1.1	.2	.1						3.5	9.9
ENE	.4	1.3	.9	.9	.4	.2	.0					4.1	9.9
E	.4	2.0	1.9	2.0	1.4	.5	.2					8.9	11.7
ESE	.3	1.3	2.1	1.4	.6	.2						5.9	10.1
SE	.2	1.4	2.3	2.4	.3	.1		.0				6.8	10.2
SSE	.3	1.7	1.9	1.2	.2	.0						5.4	8.5
S	.4	1.8	1.7	1.1	.1	.0						5.2	8.2
SSW	.3	1.3	1.3	.6	.0	.0						3.8	7.3
SW	.3	.9	1.1	.3	.0	.0						2.7	7.7
WSW	.4	1.1	1.7	.8	.1	.0						4.1	8.2
W	.2	1.3	3.1	2.9	.7	.3	.0	.0				8.7	10.9
WNW	.3	1.6	2.6	2.8	1.1	.4	.1		.0			8.9	11.7
NW	.3	1.4	1.7	2.0	1.2	.3	.1	.1	.0			7.4	12.0
NNW	.3	1.3	2.2	3.0	1.2	.4	.0					8.6	11.8
VARBL													
CALM												4.7	
	5.5	22.2	28.4	26.4	8.9	3.1	.6	.1	.0			100.0	9.9

TOTAL NUMBER OF OBSERVATIONS

6480

2

DATA PROCESSING DIVISION
ETAC/USAF
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF WIND
DIRECTION AND SPEED
(FROM HOURLY OBSERVATIONS)

SURFACE WINDS

94010
STATIONGLASGOW MONTANA AFB
STATION NAME60-68
YEARSMAY
MONTHALL WEATHER
CLASSALL
HOURS (L.S.T.)

CONDITION

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	%	MEAN WIND SPEED
N	.3	1.1	1.4	2.5	.6	.3	.0	.0				6.2	11.5
NNE	.5	.9	.9	.7	.2	.1	.0					3.2	8.5
NE	.3	.9	1.0	.7	.1	.0						3.1	8.6
ENE	.3	1.2	1.5	1.5	.3	.2	.0					4.9	10.1
E	.5	1.8	2.0	2.1	.6	.1	.0					7.2	9.9
ESE	.2	1.5	2.3	3.6	1.0	.3	.0					9.0	11.5
SE	.3	1.3	2.6	3.8	1.2	.6						9.8	12.2
SSE	.3	1.3	1.9	1.7	.4	.1						5.6	9.8
S	.3	1.0	1.7	1.4	.4	.0						4.9	10.0
SSW	.2	.9	1.1	.4	.1	.0						2.6	8.0
SW	.4	.9	.8	.3	.1	.0						2.5	7.5
WSW	.2	.7	.9	.7	.1							2.6	9.0
W	.3	1.7	2.8	3.3	1.0	.5	.1	.1				9.8	11.7
WNW	.2	1.4	2.6	2.9	1.4	.5	.1	.0				9.2	12.4
NW	.2	1.2	1.7	2.5	1.0	.3	.1	.1				7.1	12.3
NNW	.2	1.0	1.7	2.6	1.3	.3	.1	.0				7.3	12.5
VARBL													
CALM												5.1	
	4.9	18.7	26.9	30.8	9.8	2.5	.5	.2				100.0	10.4

TOTAL NUMBER OF OBSERVATIONS

6692

DATA PROCESSING DIVISION
ETAC/USAF
AIR WEATHER SERVICE/MAC

2

PERCENTAGE FREQUENCY OF WIND
DIRECTION AND SPEED
(FROM HOURLY OBSERVATIONS)

SURFACE WINDS

94010
STATION

GLASGOW MONTANA AFB
STATION NAME

60-67
YEARS

JUN
MONTH

ALL WEATHER
CLASS

ALL
HOURS (L.S.T.)

CONDITION

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	%	MEAN WIND SPEED
N	.5	1.7	1.9	1.4	.4	.1						5.9	9.1
NNE	.4	1.9	1.6	1.0	.1							5.0	7.7
NE	.6	1.3	1.6	1.1	.0	.0						4.7	8.1
ENE	.6	1.2	1.4	.9	.1	.1						4.3	8.0
E	.6	1.9	1.9	1.8	.2	.1						6.6	8.8
ESE	.5	1.7	2.1	2.2	.3	.1	.0					7.0	9.6
SE	.3	1.6	2.3	2.5	.6	.3						7.6	10.6
SSE	.6	1.7	2.2	1.5	.2	.0						6.2	8.5
S	.3	1.1	1.9	1.0	.1							4.5	8.3
SSW	.3	1.1	1.4	.4	.1							3.3	7.7
SW	.3	1.2	1.3	.5	.2	.1						3.5	8.6
WSW	.2	1.2	1.6	1.1	.2	.2	.0					4.6	9.7
W	.4	1.6	2.8	2.8	1.2	.4	.1					9.4	11.6
WNW	.3	1.1	2.7	2.0	.9	.3	.1	.0				7.6	11.3
NW	.7	1.6	1.9	1.7	.4	.3	.1	.0				6.8	10.0
NNW	.4	1.3	2.3	1.3	.3	.1		.0				5.9	9.2
VARBL													
CALM												7.3	
	7.1	23.7	31.0	23.3	5.4	2.0	.2	.1				100.0	8.8

TOTAL NUMBER OF OBSERVATIONS

5760

2

DATA PROCESSING DIVISION
ETAC/USAF
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF WIND
DIRECTION AND SPEED
(FROM HOURLY OBSERVATIONS)

SURFACE WINDS

94010
STATIONGLASGOW MONTANA AFB
STATION NAME59-67
YEARSJUL
MONTHALL WEATHER
CLASSALL
MOUSE (L.S.T.)

CONDITION

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	%	MEAN WIND SPEED
N	.6	2.0	2.3	1.4	.2	.1	.0		.0			6.7	8.6
NNE	.7	1.9	1.6	.5	.2	.0						4.9	7.2
NE	.6	1.9	1.4	.5	.1							4.4	6.7
ENE	.7	1.7	1.5	.7	.1							4.6	7.2
E	.0	2.6	2.7	1.9	.1	.0						7.5	7.9
ESE	.6	2.0	3.1	1.8	.6	.1						8.2	9.2
SE	.4	1.8	2.3	2.4	.4	.1	.0					8.9	9.6
SSE	.7	1.6	2.2	1.2	.1	.0						5.7	8.3
S	.3	1.6	2.1	1.2	.2	.0						3.7	8.5
SSW	.9	.9	1.1	.2	.0	.0						2.8	7.0
SW	.4	.8	.7	.2	.1		.0					2.2	7.2
WSW	.3	.8	1.1	.2	.1							2.8	8.0
W	.4	1.7	3.0	2.2	.9	.2	.1	.0	.0			8.0	10.3
WNW	.6	1.8	2.9	2.0	.6	.2					.0	8.9	10.1
NW	.4	1.4	2.4	1.7	.9	.1						6.3	9.8
NNW	.4	1.2	1.8	1.9	.4	.1		.0				3.9	9.7
VARBL													
CALM												7.2	
	8.4	25.6	33.7	19.6	4.2	1.1	.2	.0	.0		.0	100.0	8.1

TOTAL NUMBER OF OBSERVATIONS

6552

2

DATA PROCESSING DIVISION
ETAC/USAF
AIR WEATHER SERVICE/MAC

SURFACE WINDS

PERCENTAGE FREQUENCY OF WIND
DIRECTION AND SPEED
(FROM HOURLY OBSERVATIONS)

94010
STATIONGLASGOW MONTANA AFB
STATION NAME59-67
YEARSALL
MONTHALL WEATHER
CLASSALL
SOURCE (L.S.T.)

CONDITION

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	%	MEAN WIND SPEED
N	.4	1.8	2.4	1.4	.4	.1	.0	.0				6.7	9.4
NNE	.9	2.0	1.4	.5	.1							4.9	6.6
NE	.8	1.9	1.4	.7	.1	.0						4.9	6.9
ENE	.5	1.7	1.5	.5	.0	.0						4.2	7.1
E	.4	2.3	2.6	1.1	.1	.0						6.5	7.9
ESE	.4	1.9	3.1	2.0	.2	.0						7.6	9.2
SE	.4	1.5	2.6	2.6	.2	.0						7.3	9.3
SSE	.5	1.0	1.5	1.0	.1							4.1	8.4
S	.6	1.3	1.3	.8	.1							4.2	7.3
SSW	.5	1.2	.9	.4	.0	.0						3.0	6.8
SW	.2	1.1	1.0	.5	.1							2.9	7.6
WSW	.4	1.6	1.6	.9	.3	.0	.0					4.8	8.6
W	.6	1.9	3.1	2.6	.7	.2	.0					9.0	10.2
WNW	.7	1.7	2.4	2.6	.9	.4	.0					8.6	10.6
NW	.3	1.3	2.0	1.6	.6	.2	.0					6.2	10.2
NNW	.4	1.8	1.7	1.4	.3	.1	.0					5.8	9.2
VARBL													
CALM												9.2	
	8.0	26.2	30.5	20.5	4.2	1.2	.1	.0				100.0	8.0

TOTAL NUMBER OF OBSERVATIONS

6696

2

DATA PROCESSING DIVISION
ETAC/USAF
AIR WEATHER SERVICE/MAC

SURFACE WINDS

PERCENTAGE FREQUENCY OF WIND
DIRECTION AND SPEED
(FROM HOURLY OBSERVATIONS)

94010
STATION

GLASGOW MONTANA AFB
STATION NAME

59-67
YEARS

SEP
MONTH

ALL WEATHER
CLASS

ALL
HOURS (L.S.T.)

CONDITION

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	%	MEAN WIND SPEED
N	.6	1.4	2.0	2.3	.5	.3						7.0	10.4
NNE	.6	1.3	1.1	.5	.2	.0						3.7	7.7
NE	.9	.9	.6	.5	.1	.0						2.7	7.5
ENE	.4	1.1	.9	.5	.2	.1	.0					3.3	8.5
E	.6	2.1	2.3	1.2	.4	.2		.0				6.7	9.1
ESE	.6	1.7	1.9	1.5	.3	.1	.0					6.2	9.0
SE	.6	1.8	2.9	1.9	.2	.1						7.5	9.0
SSE	.7	2.2	2.6	1.3	.2	.0						7.1	8.2
S	.4	1.9	2.0	.9	.0							5.2	7.5
SSW	.4	1.5	1.8	.3	.0							4.0	6.9
SW	.3	1.1	1.2	.3	.0							3.0	7.3
WSW	.4	1.4	1.5	.5	.2	.0						3.9	7.7
W	.3	1.5	3.0	1.9	.9	.4	.1	.1		.0		8.3	11.4
WNW	.5	1.4	2.3	1.9	.6	.4	.1	.0				7.2	10.9
NW	.5	1.3	2.0	2.0	.9	.4	.1					7.2	11.5
NNW	.2	1.1	2.2	2.4	.9	.6	.0					7.5	11.9
VARBL													
CALM												9.4	
	7.7	22.7	30.4	19.7	5.8	2.7	.4	.1		.0		100.0	8.6

TOTAL NUMBER OF OBSERVATIONS

6480

DATA PROCESSING DIVISION
 FTAC/USAF
 AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF WIND
 DIRECTION AND SPEED
 (FROM HOURLY OBSERVATIONS)

SURFACE WINDS

94010
 STATION

GLASGOW MONTANA AFB
 STATION NAME

59-67
 YEARS

1 CT
 MONTH

ALL WEATHER
 CLASS

ALL
 HOURS (L.S.T.)

CONDITION

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	%	MEAN WIND SPEED
N	.4	1.3	1.6	.9	.4	.2						4.9	9.6
NNE	.4	1.2	1.1	.7	.2							3.6	8.2
NE	.3	.8	.6	.7	.1	.0						2.5	8.4
ENE	.4	.7	.7	.3	.1	.0						2.3	7.8
E	.4	.9	.8	.3	.1	.0						2.4	7.7
ESE	.4	1.3	.8	.5	.2	.0						3.2	7.8
SE	.4	1.6	1.9	1.3	.1	.0						5.3	8.7
SSE	.7	2.6	1.6	1.0	.3							6.2	7.5
S	.6	2.2	2.1	1.0	.0							5.9	7.3
SSW	.5	1.8	2.1	.2								4.5	6.7
SW	.6	1.4	1.7	.3								4.0	6.7
WSW	.4	2.9	2.6	1.2	.1							7.1	7.6
W	.5	2.4	3.0	3.4	.5	.3	.0					12.3	9.8
WNW	.4	2.3	4.6	3.4	1.0	.7	.2	.0				12.5	10.9
NW	.3	1.9	2.4	2.6	.7	.6	.1	.0				8.8	11.3
NNW	.4	1.2	1.6	1.0	.6	.3	.0	.0				6.0	11.2
VARBL													
CALM												8.7	
	7.2	26.4	31.1	19.3	4.4	2.3	.4	.1				100.0	8.3

TOTAL NUMBER OF OBSERVATIONS

6693

2

DATA PROCESSING DIVISION
ETAC/USAF
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF WIND
DIRECTION AND SPEED
(FROM HOURLY OBSERVATIONS)

SURFACE WINDS

94010
STATION

GLASGOW MONTANA AFB
STATION NAME

59-67
YEARS

NOV
MONTH

ALL WEATHER
CLASS

ALL
MOON (L.S.T.)

CONDITION

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	%	MEAN WIND SPEED
N	.3	1.2	1.2	1.6	.5	.2	.1	.0				4.1	10.8
NNE	.6	1.1	.5	.3	.2							2.5	7.3
NE	.5	.8	.5	.4	.1		.1					2.5	8.0
ENE	.6	1.0	.8	.4	.1	.0						2.6	7.4
E	.6	1.9	.9	.5	.1							4.1	6.8
ESE	.5	1.5	1.8	.8	.1							4.6	7.6
SE	.6	1.6	2.3	1.2	.0							5.8	8.0
SSE	.7	2.4	2.0	.4	.0							5.5	6.5
S	.8	1.7	2.3	.6								5.4	6.9
SSW	.5	1.9	2.2	.3	.0							4.9	6.9
SW	.4	2.4	1.5	.2								4.7	6.4
WSW	.6	2.5	2.6	.7	.1	.0						6.5	7.3
W	.6	2.7	4.6	2.9	.4	.1	.0	.0				11.4	9.2
WNW	.4	2.7	4.3	2.5	1.0	.2	.1	.0				11.2	10.1
NW	.4	2.1	2.0	2.6	1.4	.6	.1					9.2	11.8
NNW	.2	1.1	1.6	1.8	1.0	.2		.1				6.1	11.9
VARBL													
CALM												7.9	
	7.9	28.6	31.2	17.4	5.0	1.5	.4	.2				100.0	8.1

TOTAL NUMBER OF OBSERVATIONS

6480

2

DATA PROCESSING DIVISION
ETAC/USAF
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF WIND
DIRECTION AND SPEED
(FROM HOURLY OBSERVATIONS)

SURFACE WINDS

94010
STATION

GLASGOW MONTANA AFB
STATION NAME

59-67
YEARS

SEC
MONTH

ALL WEATHER
CLASS

ALL
MOON (L.S.T.)

CONDITION

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	%	MEAN WIND SPEED
N	.2	.5	.7	.9	.1	.1	.1					2.5	10.5
NNE	.4	.9	.5	.4	.0	.1						2.3	7.4
NE	.7	1.2	.5	.1	.0	.0	.0					2.7	5.9
ENE	.6	1.0	.7	.2	.0							2.5	6.0
E	.7	2.0	1.9	1.4	.1	.0						6.2	8.1
ESE	.2	1.5	2.3	1.9	.2							6.2	9.3
SE	.2	1.9	1.8	.9	.1							5.0	7.8
SSE	.6	1.2	1.3	.4	.1							3.8	7.1
S	.5	1.4	1.1	.2	.0							3.2	6.3
SSW	.4	1.6	1.4	.3	.0							3.7	6.7
SW	.2	2.0	1.2	.2	.0							3.9	6.2
WSW	.5	2.5	2.4	.6								6.1	7.0
W	.5	2.3	4.6	3.4	.4	.1	.0	.0				11.3	9.6
WNW	.5	1.8	5.3	3.8	1.0	.4	.0					12.8	10.6
NW	.2	1.7	3.1	3.6	1.2	1.0	.2	.0				11.2	12.6
NNW	.4	1.0	1.5	1.9	1.0	.4	.1	.0				6.4	12.2
VARBL													
CALM												10.2	
	7.2	24.7	30.3	20.2	4.2	2.2	.4	.1				100.0	8.2

TOTAL NUMBER OF OBSERVATIONS

6696

2

DATA PROCESSING DIVISION
ETAC/USAF
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF WIND
DIRECTION AND SPEED
(FROM HOURLY OBSERVATIONS)

SURFACE WINDS

94010
STATIONGLASGOW MONTANA AFB
STATION NAME60-68
YEARSJAN
MONTHALL WEATHER
CLASS0000-0200
HOURS (L.S.T.)

CONDITION

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	%	MEAN WIND SPEED
N	.1	.6	1.7	2.0	.9	.6	.1	.1				3.9	13.4
NNE	1.0	1.4	.6	.1	.2	.1						3.5	6.9
N/E	1.1	1.6	.5	.5								3.6	5.6
ENE	.5	1.7	.8	.4								3.3	6.4
E	1.2	1.6	3.0	1.4	.1							7.3	7.6
ESE	.2	2.3	2.0	2.6	.1							7.3	9.0
SE	.4	1.8	1.3	.5								3.9	6.9
SSE	.5	1.0	.6	.4	.1							2.5	7.3
S	.4	1.0	1.0									2.3	6.2
SSW	.4	1.4	1.1	.7								3.6	7.1
SW	.2	1.1	.7	.6								2.6	7.4
WSW	.1	2.0	2.0	1.2								5.4	8.1
W	.8	2.4	3.9	4.1	1.3	.2	.2					13.0	10.9
WNW	.2	1.9	3.6	3.1	.5		.1					11.5	9.9
NW	.5	2.2	2.7	1.7	1.1							8.1	9.8
NNW	.1	.6	1.8	3.2	1.4	.5	.2	.2				8.1	14.3
VARBL													
CALM												8.1	
	7.6	24.4	29.4	22.5	5.5	1.4	.7	.4				100.0	8.6

TOTAL NUMBER OF OBSERVATIONS

837

2

DATA PROCESSING DIVISION
 FTAC/USAF
 AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF WIND
 DIRECTION AND SPEED
 (FROM HOURLY OBSERVATIONS)

SURFACE WINDS

94010
 STATION

GLASGOW MONTANA AFB
 STATION NAME

60-68
 YEARS

JAN
 MONTH

ALL WEATHER
 CLASS

0300-0500
 HOURS (LST)

CONDITION

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	%	MEAN WIND SPEED
N	.2	1.3	1.6	2.3	1.0	.4						6.7	11.5
NNE		1.1	.4	.6		.1						2.2	9.1
NE	.5	.7	.6	.7	.6	.1						3.2	10.2
ENE	.5	1.0	1.4	.4								3.2	6.8
E	.8	2.3	2.4	1.8								7.5	7.7
ESE	.6	2.0	3.3	1.4	.3							7.9	8.8
SE	.4	.7	1.2	.4								2.6	7.1
SSE	.5	1.0	.2	.2								1.9	5.7
S	.6	1.2	.7	.2								2.7	5.9
SSW	.8	.5	1.8	.6								3.7	7.4
SW	.4	2.2	1.9									3.8	5.9
WSW		1.7	1.7	.8	.1							4.3	8.9
W	.6	2.5	3.0	3.0	.7							13.9	9.9
WNW	.7	2.2	3.7	4.7	.6	.5	.1					12.5	10.8
NW	.7	2.2	2.3	1.7	.6	.4						7.8	9.6
NNW	.1	1.7	1.3	3.0	1.4	.6	.1					8.2	13.0
VARBL													
CALM												7.8	
	7.4	24.4	28.9	23.8	3.5	2.0	.2					100.0	8.7

TOTAL NUMBER OF OBSERVATIONS

837

2

DATA PROCESSING DIVISION
ETAC/USAF
AIR WEATHER SERVICE/HAC

PERCENTAGE FREQUENCY OF WIND
DIRECTION AND SPEED
(FROM HOURLY OBSERVATIONS)

SURFACE WINDS

94010
STATIONGLASGOW MONTANA AFB
STATION NAME60-68
YEARJAN
MONTHALL WEATHER
CLASS0600-0800
HOURS (L & T)

CONDITION

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	%	MEAN WIND SPEED
N	.5	1.0	2.9	1.4	.5	.6						6.9	11.2
NNE	.5	1.7	.5	.5	.2	.2	.1					3.7	9.0
NE	.4	1.7	1.0	.6	.1							3.7	7.7
ENE	.2	.8	.5	.5	.1							2.2	8.3
E	.6	3.2	3.1	1.8	.4							9.1	8.0
ESE	.8	1.2	1.8	1.4	.2							5.5	8.7
SE	.6	.5	1.3	.8	.1							3.3	8.3
SSE	.6	1.0	1.2	.1								2.6	6.3
S	1.0	1.4	.2	.1								2.7	4.7
SSW	.6	1.0	.7	.8								2.6	6.5
SW	.2	1.6	1.4	.1								3.3	6.6
WSW	.2	2.2	2.9	1.6	.1							6.9	8.4
W	.1	1.3	4.9	4.3	.4							11.0	10.3
WNW	.1	2.4	4.7	3.7	.2	.4						11.5	10.1
NW	.5	2.2	2.2	2.4	.5	.5	.2					8.4	11.1
NNW	.4	1.3	.8	3.2	.8	.4	.1					7.0	12.2
VARBL													
CALM												9.4	
	7.0	24.3	30.0	22.9	3.7	2.0	.6					100.0	8.4

TOTAL NUMBER OF OBSERVATIONS

837

2

DATA PROCESSING DIVISION
ETAC/USAF
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF WIND
DIRECTION AND SPEED
(FROM HOURLY OBSERVATIONS)

SURFACE WINDS

STATION 26010 STATION NAME GLASGOW MONTANA AFB YEARS 60-68 MONTH JAN
CLASS ALL WEATHER HOURS (L.S.T.) 0900-1100
CONDITION

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	%	MEAN WIND SPEED
N	.2	.4	1.6	2.5	.4	.6	.1		.1			6.1	13.4
NNE		1.1	.8	.7	.4	.1						3.1	10.3
NE	.2	1.4	.7	.4	.1							2.9	7.4
ENE	.4	.7	.7	.2								2.0	6.6
E	.7	2.9	3.6	1.4								8.6	7.8
ESE	.4	1.3	2.0	1.0								4.7	8.0
SE	.2	1.2	2.3	.8	.1							4.7	8.8
SSE	1.0	1.7	2.0	.5								5.1	6.6
S	.7	1.6	1.0	.4								3.6	6.0
SSW	.4	1.1	1.4	.2								3.1	6.9
SW	.6	1.4	.6	.5	.1							3.2	6.7
WSW	.4	1.9	1.8	1.3	.1							5.5	8.2
W	.2	1.9	5.7	5.1	1.3							14.3	10.6
WNW	.2	1.6	4.7	3.3	.8	.3						11.1	10.9
NW	.4	.7	2.2	3.1	1.0	.4	.2					7.9	12.7
NNW		.7	1.8	2.3	.4	.3						5.6	12.3
VARBL													
CALM												8.5	
	6.0	21.9	33.1	23.8	4.7	2.0	.4		.1			100.0	8.8

TOTAL NUMBER OF OBSERVATIONS 837

2

DATA PROCESSING DIVISION
ETAC/USAF
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF WIND
DIRECTION AND SPEED
(FROM HOURLY OBSERVATIONS)

SURFACE WINDS

94010
STATION

GLASGOW MONTANA AFB
STATION NAME

60-68
YEARS

JAN
MONTH

ALL WEATHER
CLASS

1200-1400
HOURS (L.S.T.)

CONDITION

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	%	MEAN WIND SPEED
N		1.1	1.8	2.2	1.0	.6						6.6	12.7
NNE		.4	.7	.7	.1	.1						2.0	10.8
NE	.1	.7	.6	.1								1.6	6.7
ENE	.7	1.2	.6	.2								2.7	5.8
E	.6	2.2	2.5	1.0								6.3	7.3
ESE	.6	1.2	2.4	1.9	.1							6.2	8.9
SE	.5	1.8	1.7	1.0	.2							5.1	8.3
SSE	.2	2.2	2.0	.1								4.5	6.6
S	.2	1.4	2.2	.5								4.3	7.3
SSW	.1	1.6	1.3	.1								3.1	6.7
SW	.8	1.7	1.2									3.7	5.6
WSW	.5	2.5	2.0	1.3								6.3	7.8
W	.4	1.4	5.5	5.9	2.0	.6						15.8	11.7
WNW	.5	1.1	3.2	3.6	1.8	.5						10.6	12.0
NW		1.0	3.1	2.6	2.2	.8	.1					9.8	13.5
NNW	.2	.2	1.7	2.5	.8	.4						6.1	12.5
VARBL													
CALM												9.1	
	5.5	21.9	32.5	23.7	8.2	3.0	.1					100.0	9.5

TOTAL NUMBER OF OBSERVATIONS

837

2

DATA PROCESSING DIVISION
ETAC/USAF
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF WIND
DIRECTION AND SPEED
(FROM HOURLY OBSERVATIONS)

SURFACE WINDS

94010 STATION GLASGOW MONTANA AFB STATION NAME 60-68 YEARS JAN MONTH
1500-1700 HOURS (L.S.T.)

ALL WEATHER

CLASS

CONDITION

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	%	MEAN WIND SPEED
N	.1	1.0	1.3	1.9	.8	.2	.1					5.5	12.2
NNE	.1	.6	1.4									2.2	7.2
NE	.6	.4	.4	.2								1.6	6.3
ENE	.2	.7	.2	.7								1.9	8.7
E	1.3	2.5	2.7	1.3								7.9	6.7
ESE	1.0	2.2	2.3	1.3	.5							7.2	8.4
SE	.4	2.4	1.7	1.2								5.7	7.7
SSE	.2	1.4	.7	.1								2.5	6.4
S	.4	1.9	1.9	.4								4.5	6.7
SSW	.4	1.0	1.3									2.6	6.9
SW	.2	.8	1.6	.7								3.3	8.2
WSW	.4	1.8	3.1	1.2	.2							6.8	8.5
W	.5	2.5	4.9	4.9	.5							13.5	9.8
WNW		1.9	4.5	3.7	1.7							11.8	11.0
NW	.2	1.1	2.7	2.5	1.0	.5						8.0	12.0
NNW	.2	1.3	3.1	2.6	.6	.2	.1	.1				8.4	11.4
VARBL													
CALM												6.8	
	6.2	23.4	33.9	23.1	9.3	1.0	.2	.1				100.0	8.7

TOTAL NUMBER OF OBSERVATIONS

837

2

DATA PROCESSING DIVISION
ETAC/USAF
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF WIND
DIRECTION AND SPEED
(FROM HOURLY OBSERVATIONS)

SURFACE WINDS

94010
STATION

GLASGOW MONTANA AFB
STATION NAME

60-68
YEARS

JAN
MONTH

ALL WEATHER
CLASS

1800-2000
HOURS (L.S.T.)

CONDITION

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	%	MEAN WIND SPEED
N	.1	1.4	1.6	2.9	1.0	.6						7.5	12.2
NNE	.1	.8	.7		.4							2.0	8.7
NE	.1	1.0	.8	.2								2.2	6.8
ENE	.3	1.0	1.0	.8								3.2	8.0
E	1.1	1.9	2.3	1.3	.1							6.7	7.3
ESE	.7	2.4	2.4	2.2	.1							7.8	8.5
SE	.2	2.0	1.9	1.6								5.7	8.1
SSE	.4	1.2	1.4	.9	.1							3.7	7.6
S	.2	1.0	1.4	.4								3.0	7.3
SSW	.7	.7	2.2	.4								3.9	7.0
SW	.1	1.1	1.4	.1								2.7	7.1
WSW	.7	2.6	2.9	1.9								7.8	7.8
W	.4	2.6	3.2	2.2	.9	.2	.1					9.3	9.7
WNW	.3	1.8	2.7	3.3	1.1							12.3	10.9
NW	.3	1.6	2.9	1.7	1.2	.4						8.1	10.7
NNW	.4	1.1	2.3	2.0	1.3							7.0	11.4
VARBL													
CALM												6.9	
	6.7	24.2	31.8	23.2	5.7	1.2	.1					100.0	8.6

TOTAL NUMBER OF OBSERVATIONS

837

2

DATA PROCESSING DIVISION
ETAC/USAF
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF WIND
DIRECTION AND SPEED
(FROM HOURLY OBSERVATIONS)

SURFACE WINDS

94010
STATION

GLASGOW MONTANA AFB
STATION NAME

60-68
YEARS

JAN
MONTH

ALL WEATHER
CLASS

2100-2300
HOURS (L.S.T.)

CONDITION

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	%	MEAN WIND SPEED
N	.6	1.4	1.7	2.2	.6	.7	.1					7.4	11.6
NNE	.7	.6	.6	.5								2.4	7.0
NE	.5	1.9	.4									2.7	5.0
ENE	.7	.7	1.8	.6								3.8	7.2
E	.5	1.8	2.6	1.6	.4							6.8	8.7
ESE	.1	1.2	2.2	2.6								6.1	9.9
SE	.2	1.7	1.3	1.3								4.5	8.3
SSE	.2	1.6	1.0	1.0	.4							4.1	8.8
S	.4	2.3	.8	.4								3.8	6.3
SSW	.1	1.2	1.2	.1								2.6	6.3
SW	.8	.6	1.1	.6								3.1	6.7
WSW	.7	2.4	3.9	2.0								9.1	8.0
W	.5	2.7	3.6	3.3	.6	.1						10.9	9.4
WNW	.5	1.9	2.6	3.6	.5	.1	.1	.1				9.4	10.7
NW	.4	1.2	3.6	1.6	.7	.6	.1	.1				8.2	11.2
NNW	.5	1.1	.8	3.2	1.4	.2	.1	.4				7.8	13.6
VARBL													
CALM												7.4	
	7.4	24.3	29.2	24.3	4.5	1.8	.5	.6				100.0	8.7

TOTAL NUMBER OF OBSERVATIONS

837

2

DATA PROCESSING DIVISION
ETAC/USAF
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF WIND
DIRECTION AND SPEED
(FROM HOURLY OBSERVATIONS)

SURFACE WINDS

94010
STATION

GLASGOW MONTANA AFB
STATION NAME

60-68
YEARS

FEB
MONTH

ALL WEATHER
CLASS

0000-0200
HOURS (L.S.T.)

CONDITION

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	%	MEAN WIND SPEED
N	.3	1.0	1.6	1.3	.3	.4						4.8	11.0
NNE	.3	.8	.7	.4								2.4	7.2
NE	.3	1.4	.7	.4								3.0	6.3
ENE	.3	.8	1.3	.9	.3	.1						4.2	9.7
E	.3	1.4	2.2	1.3	.7	.3						6.4	9.8
ESE	.3	.9	2.2	1.4	.1	.1						5.4	9.1
SE	.3	1.4	3.3	1.4	.1							6.3	8.9
SSE	.4	2.3	1.2	.9								5.0	6.9
S	.8	.7	1.6	.3								3.3	6.3
SSW	.3	1.2	.7	.4								2.7	6.4
SW	.3	1.7	.8	.1								3.1	5.7
WSW	.3	2.3	1.3	.3								4.3	6.3
W	.4	2.2	4.4	3.0								10.1	8.6
WNW	.3	2.3	3.2	2.4	.4	.3						11.2	9.0
NW	.1	2.7	2.7	2.0	.8	.4		.3				9.0	10.8
NNW	.3	1.6	1.8	2.3	1.3	.3	.1	.1				8.2	12.8
VARBL													
CALM												10.3	
	6.9	23.4	31.6	19.0	4.2	2.1	.1	.4				100.0	8.1

TOTAL NUMBER OF OBSERVATIONS

765

2

DATA PROCESSING DIVISION
ETAC/USAF
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF WIND
DIRECTION AND SPEED
(FROM HOURLY OBSERVATIONS)

SURFACE WINDS

94010
STATION

GLASGOW MONTANA AFB
STATION NAME

60-68
YEARS

FEB
MONTH

ALL WEATHER
CLASS

0300-0500
HOURS (L.S.T.)

CONDITION

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	%	MEAN WIND SPEED
N	.7	.7	1.6	1.8	.5	.4						5.6	10.8
NNE	.3	1.0	.5	.7								2.5	7.3
NE	.7	1.2	.8	.1	.1							2.9	6.4
ENE	.5	.7	1.0	.1	.4							2.7	8.0
E	.1	2.4	2.4	1.6	.3	.5						7.2	9.7
ESE	.4	1.6	2.5	2.0								6.4	8.6
SE	.8	1.3	2.0	1.4	.1							5.1	8.9
SSE	.4	.8	1.0	.1								2.4	6.5
S	.5	1.2	1.7									3.4	6.3
SSW	.7	1.4	.4	.1								2.6	5.5
SW		1.8	1.2	.4								3.4	6.6
WSW	.1	1.8	1.4	.4								3.8	7.1
W	.5	3.4	4.9	1.8	.1	.4						10.6	8.5
WNW	.8	2.9	3.3	2.0	.1	.1						11.4	8.3
NW	.3	2.6	3.1	2.6	1.3	.1	.3					10.3	10.6
NNW	.3	.7	2.1	1.8	.9	1.0	.1					6.9	13.8
VARBL													
CALM												12.8	
	6.4	25.4	31.2	17.0	3.9	2.6	.4					100.0	7.8

TOTAL NUMBER OF OBSERVATIONS

765

2

DATA PROCESSING DIVISION
ETAC/USAF
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF WIND
DIRECTION AND SPEED
(FROM HOURLY OBSERVATIONS)

SURFACE WINDS

94010

GLASGOW MONTANA AFB

60-68

FEB

STATION

STATION NAME

YEARS

MONTH

ALL WEATHER

CLASS

0600-0800

HOURS (L.S.T.)

CONDITION

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	%	MEAN WIND SPEED
N	.3	.8	1.6	2.2	1.2	.8						6.8	13.3
NNE	.5	.9	1.2	.1								2.7	6.4
NE	.4	1.6	.4	.3	.1							2.7	6.4
ENE	.8	.7	1.3	.8								3.5	7.7
E	.7	1.7	2.1	.8	.9	.3						6.4	9.3
ESE	.4	2.0	1.7	1.4	.5							6.0	9.1
SE	.4	1.6	2.0	.9	.3	.1						5.2	8.8
SSE	.7	1.3	.7	.4								3.0	6.2
S	.1	1.4	1.2	.1								2.9	6.3
SSW	.4	1.3	.9									2.6	5.6
SW	.1	1.3	.7	.4								2.5	7.6
WSW	.2	.9	2.1	1.0	.1							4.4	8.6
W	.4	3.0	4.8	2.5	.1	.3						11.1	8.7
WNW	.7	3.8	6.1	2.2	.4							13.2	8.3
NW	.8	1.6	2.0	1.0	.9	1.0						7.3	11.5
NNW	.3	2.1	2.0	1.6	1.0	.4						7.3	11.1
VARBL													
CALM												12.2	
	7.1	23.9	30.6	15.8	9.9	2.9						100.0	8.0

TOTAL NUMBER OF OBSERVATIONS

765

2

DATA PROCESSING DIVISION
ETAC/USAF
AIR WEATHER SERVICE/HAC

SURFACE WINDS

PERCENTAGE FREQUENCY OF WIND
DIRECTION AND SPEED
(FROM HOURLY OBSERVATIONS)

94010
STATIONGLASGOW MONTANA AFB
STATION NAME60-68
YEARSFEB
MONTHALL WEATHER
CLASS0900-1100
HOURS (L.S.T.)

CONDITION

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	%	MEAN WIND SPEED
N	.4	.5	1.4	.9	1.7	1.0						6.0	14.5
NNE	.1	1.3	.3	.1	.1	.1						2.1	7.6
NE	.1	2.0	.7	.5	.1							3.4	7.2
ENE	.4	.4	1.0	1.3	.1							3.3	9.8
E	.1	1.2	1.0	.8	.8							3.9	10.2
ESE	.4	1.8	2.4	1.7	.7							6.9	9.5
SE	.9	1.7	1.8	1.2	.3							5.9	8.0
SSE	1.0	2.0	1.0	1.2								5.2	6.8
S	.7	2.0	2.4	.7								5.6	6.8
SSW	1.2	1.2	1.8	.3								4.4	6.2
SW	.1	1.2	.7	.3								2.2	7.2
WSW	.3	2.0	.9	.5								3.7	6.9
W	.4	3.4	5.6	3.4	.8	.1						13.7	9.5
WNW	.7	2.0	6.4	2.6	.7	.1						12.4	9.4
NW	.1	1.2	2.6	1.6	.9	.8	.3					7.5	12.5
NNW		1.7	1.2	1.8	.8	.8	.1					6.4	12.6
VARBL													
CALM												7.5	
	6.9	29.4	31.2	18.8	6.9	3.0	.4					100.0	8.8

TOTAL NUMBER OF OBSERVATIONS

765

2

DATA PROCESSING DIVISION
ETAC/USAF
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF WIND
DIRECTION AND SPEED
(FROM HOURLY OBSERVATIONS)

SURFACE WINDS

94010
STATION

GLASGOW MONTANA AFB
STATION NAME

60-68
YEARS

FEB
MONTH

ALL WEATHER
CLASS

1200-1400
HOURS (L.S.T.)

CONDITION

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	%	MEAN WIND SPEED
N	.3	.5	.9	1.6	.9	.7	.1	.3				5.2	14.9
NNE	.3	.3	.5	.3	.4							1.7	10.0
NE	.3	.7	.8	.5								2.2	7.8
ENE	.3	.4	1.4	.1	.4							2.6	9.0
E	.1	1.2	1.4	.9	.5							4.2	9.9
ESE	.7	.7	1.4	2.9	.5							6.1	10.9
SE	.1	2.0	3.0	2.0								7.1	8.8
SSE	.1	2.6	1.6	.7								5.0	7.2
S	.4	2.0	2.0	.4								4.7	6.8
SSW	.5	1.2	1.3	.8								3.8	7.0
SW	.3	2.0	2.4	.3								4.8	7.0
WSW	.3	2.0	2.5	.4	.3							5.4	7.8
W	.3	2.1	3.1	3.0	.7	.1						11.2	10.6
WNW	.9	2.6	4.6	4.3	1.0	.3		.1	.1			14.0	10.9
NW	.8	2.0	3.0	2.2	1.4	1.2	.5					11.1	12.5
NNW	.3	.7	1.4	1.8	2.0	.8						6.9	14.0
VARBL													
CALM												3.9	
	5.8	22.8	31.4	24.1	8.1	3.0	.7	.4	.1			100.0	9.8

TOTAL NUMBER OF OBSERVATIONS

765

2

DATA PROCESSING DIVISION
ETAC/USAF
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF WIND
DIRECTION AND SPEED
(FROM HOURLY OBSERVATIONS)

SURFACE WINDS

94010
STATION

GLASGOW MONTANA AFB
STATION NAME

60-68
YEARS

FEB
MONTH

ALL WEATHER
CLASS

1500-1700
HOURS (LST)

CONDITION

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	%	MEAN WIND SPEED
N	.3	.7	.8	1.4	1.2	.5	.1					5.0	13.0
NNE	.5	.5	.7	.4	.3	.1						2.5	9.2
NE	.3	.8	.9	.3								2.2	6.8
ENE	.5	.5	1.3	.7	.1							3.1	8.4
E	.1	1.7	1.2	2.4	.5							5.9	10.2
ESE	.4	1.3	1.3	2.6	.4							6.0	10.3
SE	.3	1.3	2.7	2.1								6.4	8.9
SSE	.3	2.2	1.4	.7	.1							4.7	7.1
S	.3	1.7	.9									3.1	5.6
SSW	.8	1.8	1.3									3.9	5.3
SW	.3	1.6	3.0									4.8	6.7
WSW	.4	1.7	2.5	.7								5.2	7.6
W	.5	2.0	4.4	3.0	.3							10.2	9.1
WNW	.4	2.4	4.4	2.7	1.3	.4		.1				11.8	10.7
NW	.4	2.0	2.0	2.9	1.3	1.0	.3	.1				9.9	12.9
NNW	.1	.8	2.2	3.8	2.0	.5						9.4	13.1
VARBL													
CALM												5.8	
	6.0	22.9	31.1	23.5	7.9	2.4	.4	.3				100.0	9.3

TOTAL NUMBER OF OBSERVATIONS

765

2

DATA PROCESSING DIVISION
 ETAC/USAF
 AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF WIND
 DIRECTION AND SPEED
 (FROM HOURLY OBSERVATIONS)

SURFACE WINDS

94010
STATIONGLASLOW MONTANA AFB
STATION NAME60-68
YEARSFEB
MONTHALL WEATHER
CLASS1800-2000
HOURS (L.S.T.)

CONDITION

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	%	MEAN WIND SPEED
N	.4	.9	.7	1.0	.5	.3						3.8	10.9
NNE	.7	.5	1.4	.3	.1	.1						3.1	7.9
NE	.8	1.2	.7	1.0	.1							3.8	8.0
ENE	.3	1.0	.9	.3	.3							2.7	8.0
E	.3	2.3	2.0	1.8	.3	.4						7.2	9.7
ESE	.3	1.0	1.7	2.0	.1							5.4	9.6
SE	.3	1.8	2.3	1.6								6.1	8.6
SSE	.3	2.6	.7	.8								4.3	6.7
S	.4	1.7	1.2									3.3	5.8
SSW	.8	1.6	1.6	.4								4.3	6.1
SW	.5	1.4	2.2	.1								4.3	6.3
WSW	.4	2.1	1.7	.3								4.4	7.1
W	.3	2.4	3.3	2.4	.4							9.2	8.8
WNW	1.2	3.9	4.1	2.1	.3	.1						11.9	8.2
NW	.7	1.7	2.7	3.0	1.4							9.3	10.7
NNW	.3	1.0	2.4	1.8	1.0		.1					6.7	11.3
VARBL													
CALM												9.8	
	8.1	27.3	29.8	18.8	4.8	.9	.1					100.0	7.6

TOTAL NUMBER OF OBSERVATIONS

765

2

DATA PROCESSING DIVISION
 FTAC/USAF
 AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF WIND
 DIRECTION AND SPEED
 (FROM HOURLY OBSERVATIONS)

SURFACE WINDS

74010
 STATION

GLASGOW MONTANA AFB
 STATION NAME

60-6E
 YEARS

FFB
 MONTH

ALL WEATHER
 CLASS

2100-2300
 HOURS (L.S.T.)

CONDITION

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	%	MEAN WIND SPEED
N	.3	.3	2.1	.9								3.8	9.0
NNE	.1	.8	.8	.4	.1							2.2	8.0
NE	.4	2.0	.9		.1							3.4	6.1
ENE		1.7	1.2	.9	.3	.1						4.2	8.8
E	.4	1.3	2.1	1.3	.7	.4						6.1	10.6
ESE	.7	1.3	2.1	1.4	.1	.1						5.8	8.9
SE	.5	2.2	2.4	1.4	.5							7.1	8.7
SSE	.4	2.4	1.0	.5								4.3	6.6
S	.1	1.2	.5									1.8	6.0
SSW	.1	1.8	2.5	.5								5.0	7.7
SW	.4	2.2	1.4	.1								4.7	6.3
WSW	.3	2.5	1.7	.3								4.7	6.4
W	.7	2.2	3.7	3.5	.5	.1						10.7	9.6
WNW	.7	2.1	4.1	3.8	.7	.1						11.1	9.6
NW	.4	1.7	3.1	2.2	.7							8.1	9.8
NNW	.3	1.2	2.9	2.5	.5	.4	.1					7.8	11.3
VARBL													
CALM												9.9	
	5.0	26.8	32.4	19.0	4.2	1.3	.1					100.0	8.0

TOTAL NUMBER OF OBSERVATIONS

765

2

DATA PROCESSING DIVISION
ETAC/USAF
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF WIND
DIRECTION AND SPEED
(FROM HOURLY OBSERVATIONS)

SURFACE WINDS

94010
STATION

GLASGOW MONTANA AFB
STATION NAME

60-68
YEARS

AK
MONTH

ALL WEATHER
CLASS

0000-0700
HOURS (LST)

CONDITION

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	%	MEAN WIND SPEED
N	.4	2.3	2.6	1.6	.2	.1						7.2	9.1
NNE	.6	1.9	.7	.7	.4	.1						4.4	8.0
NE	1.0	1.6	1.0	.5	.1	.2						4.3	7.2
ENE	.5	.6	.6	1.3	.1							3.1	9.3
E	1.0	1.4	2.2	1.8	.2							6.6	8.6
ESE	.7	1.9	2.2	2.5	.4	.1						7.8	9.7
SE	.5	1.9	2.3	1.3	.2							6.5	8.7
SSE	.6	2.7	1.3	.5								5.1	6.0
S	1.0	1.8	1.2	.4								4.3	6.2
SSW	.1	1.8	.7									2.6	5.6
SW	.5	1.7	.7	.2								3.1	5.8
WSW	.1	2.3	1.2									3.6	6.2
W		1.7	2.7	1.9	.4	.1						6.8	9.7
WNW	.2	2.6	4.1	1.4	.4		.1					8.8	8.8
NW	.1	2.9	3.0	2.2	.4	.1	.1					8.7	9.5
NNW	.4	1.3	1.8	1.4	.6	.1	.1					5.7	10.3
VARBL													
CALM												11.4	
	7.3	20.3	28.4	17.7	3.3	1.0	.4					100.0	7.5

TOTAL NUMBER OF OBSERVATIONS

837

2

DATA PROCESSING DIVISION
ETAC/USAF
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF WIND
DIRECTION AND SPEED
(FROM HOURLY OBSERVATIONS)

SURFACE WINDS

94010
STATION

GLASGOW MONTANA AFB
STATION NAME

60-68
YEARS

MAR
MONTH

ALL WEATHER
CLASS

0300-0500
HOURS (L.S.T.)

CONDITION

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	%	MEAN WIND SPEED
N	1.3	1.8	3.1	2.0	.5	.4		.1				9.2	9.5
NNE	1.2	2.8	.6	.8	.2	.2						5.9	7.0
NE	.7	1.7	.6	1.1	.1							4.2	7.5
ENE	.8	1.4	1.3	1.1	.2							4.9	8.2
E	.2	2.5	1.3	1.4								5.5	7.8
ESE	.6	1.2	2.0	1.4	.5	.4						6.1	10.2
SE	.7	2.2	1.7	1.6	.2							6.5	8.3
SSE	.8	2.5	1.3	.4								5.0	6.0
S	1.2	1.4	1.3	.1								4.1	5.8
SSW	.1	2.0	1.1									3.2	6.0
SW		1.1	.5	.1								1.7	6.9
WSW	.2	.5	1.1	.8								2.6	8.5
W	1.1	2.5	2.2	2.2	.2	.6						8.7	9.2
WNW	.5	2.6	3.1	2.0	.4	.1						10.8	8.8
NW		2.5	2.3	1.7	.5	.1						7.1	9.4
NNW	.1	1.2	1.6	2.0	.7			.1				5.7	11.1
VARBL													
CALM												8.4	
	9.7	30.0	27.0	18.8	3.6	1.8		.2				100.0	7.7

TOTAL NUMBER OF OBSERVATIONS 836

2

DATA PROCESSING DIVISION
ETAC/USAF
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF WIND
DIRECTION AND SPEED
(FROM HOURLY OBSERVATIONS)

SURFACE WINDS

94010
STATION

GLASGOW MONTANA AFB
STATION NAME

60-68
YEARS

11AK
MONTH

ALL WEATHER
CLASS

0600-0800
HOURS (L.S.T.)

CONDITION

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	%	MEAN WIND SPEED
N	.6	2.0	2.4	2.0	.2			.1				7.4	9.2
NNE	.6	2.3	1.3	1.0	.1							5.3	7.3
NE	1.2	2.2	.7	.7								4.8	6.0
ENE	.1	1.8	1.1	1.1	.6	.1						4.8	6.8
E	.4	1.6	1.6	1.0								4.4	7.5
ESE	1.0	1.2	2.9	2.0	.1	.2						7.4	9.1
SE	.3	1.1	2.9	.7	.4	.1						5.6	9.0
SSE	.6	2.0	1.6	.6								4.8	6.3
S	.4	1.4	1.2	.2								3.2	6.6
SSW	.4	2.3	1.2									4.1	5.6
SW	.4	1.4	1.1	.4								3.2	6.8
WSW	.1	1.7	1.7	.2								3.7	7.3
W	.3	3.0	2.4	2.3	.1							8.3	8.3
WNW	1.0	2.6	3.5	2.3	.6	.1						10.1	9.2
NW	.7	1.7	2.4	1.3	1.0	.2						7.3	10.3
NNW	.3	1.8	1.9	2.2	.3	.4						7.2	10.3
VARBL													
CALM												8.1	
	8.7	30.3	29.7	18.0	3.6	1.2		.1				100.0	7.7

TOTAL NUMBER OF OBSERVATIONS

833

2

DATA PROCESSING DIVISION
ETAC/USAF
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF WIND
DIRECTION AND SPEED
(FROM HOURLY OBSERVATIONS)

SURFACE WINDS

94010
STATIONGLASGOW MONTANA AFB
STATION NAME60-68
YEARSYEAR
MONTHALL WEATHER
CLASS0900-1100
HOURS (L.S.T.)

CONDITION

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	%	MEAN WIND SPEED
N	.6	.6	2.4	1.8	.4	.2						6.0	10.3
NNE	.2	1.7	.8	1.1	.4							4.2	8.9
NE	.4	.5	1.0	.8		.1	.1					2.9	10.4
ENE	.2	.7	.8	.6	.2	.1	.1					2.9	10.7
E	.1	1.7	2.0	1.1								4.9	8.3
ESE	.5	1.9	1.8	1.8	.5							6.5	9.5
SE	.2	1.7	2.0	2.8	.6	.4						7.7	10.7
SSE	.4	1.9	1.9	1.6								5.7	8.1
S	.6	1.1	1.7	.7								4.1	7.5
SSW		2.5	2.0	.5								5.0	7.0
SW	.1	1.2	1.1	.8								3.2	8.0
WSW	.1	1.0	1.7	1.1	.1							3.9	9.1
W	.6	1.7	4.2	2.6	.5	.2						9.8	9.6
WNW	.5	1.7	3.5	2.6	2.0	.2						10.5	11.1
NW	.8	.8	2.3	2.9	2.3	.8						9.9	13.0
NNW	.2	1.1	2.0	2.9	1.2	.2						7.7	12.0
VARBL													
CALM												5.1	
	5.6	21.7	31.2	25.6	8.1	2.4	.2					100.0	9.5

TOTAL NUMBER OF OBSERVATIONS

836

2

DATA PROCESSING DIVISION
ETAC/USAF
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF WIND
DIRECTION AND SPEED
(FROM HOURLY OBSERVATIONS)

SURFACE WINDS

94010
STATION

GLASGOW MONTANA AFB
STATION NAME

60-68
YEARS

MAR
MONTH

ALL WEATHER
CLASS

1200-1400
HOURS (L.S.T.)

CONDITION

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	%	MEAN WIND SPEED
N	.2	1.3	1.2	1.9	1.0	.4						6.0	11.8
NNE	.2	1.0	.7	.1	.4	.1						2.5	9.0
NE		.7	.4	1.1		.4						2.5	11.7
ENE	.1	.6	.4	.7	.2	.2						2.3	11.3
E	.2	.5	.5	1.3	.1	.1						2.7	10.1
ESE	.1	1.3	1.3	2.2	.5							5.4	10.6
SE	.2	1.6	3.3	2.6	.7	.1						8.6	10.5
SSE		1.1	3.2	1.9	.4	.1						6.7	10.0
S	.6	1.8	2.7	.8	.2							6.2	8.0
SSW	.1	.7	1.1	1.3								3.2	9.1
SW	.2	1.6	1.7	.5		.1						4.1	7.9
WSW	.1	1.4	1.8	1.1								4.4	7.8
W	.6	2.0	4.4	4.8	1.0	.4		.1				13.3	11.0
WNW		.7	3.9	3.0	1.9	1.0						10.5	13.0
NW	.1	1.9	1.9	3.9	1.8	.7	.2					10.6	13.2
NNW	.2	.8	1.9	2.4	1.8	.9						7.6	12.9
VARBL													
CALM												3.3	
	2.2	19.0	30.5	29.4	9.9	4.1	.2	.1				100.0	10.6

TOTAL NUMBER OF OBSERVATIONS

837

2

DATA PROCESSING DIVISION
ETAC/USAF
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF WIND
DIRECTION AND SPEED
(FROM HOURLY OBSERVATIONS)

SURFACE WINDS

94010
STATIONGLASGOW MONTANA AFB
STATION NAME60-68
YEARSMAR
MONTH1500-1700
HOURS (L.S.T.)ALL WEATHER
CLASS

CONDITION

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	%	MEAN WIND SPEED
N	1.1	1.2	2.0	2.6	1.4	.4						8.7	11.5
NNE	.1	1.7	.6	1.1	.3							3.9	9.3
NE	.4	.4	.6	1.0								2.3	9.0
ENE	.1	.4	.2	.2	.4	.2						1.6	12.7
E	.3	1.2	2.0	1.4								5.1	8.6
ESE	.1	1.9	1.4	2.2	.4							3.9	9.7
SE	.4	1.6	2.3	3.7	.4	.2	.1					8.6	10.7
SSE	.1	1.4	2.4	1.9								3.9	9.0
S	.8	1.2	2.0	1.0	.2							3.3	7.9
SSW	.3	1.2	.4	.2								2.3	5.7
SW	.1	.6	1.2	.7								2.6	8.9
WSW	.2	.8	2.2	.4								3.6	7.3
W	.4	2.0	3.3	3.3	1.0	.2						10.4	10.4
WNW	.2	1.7	2.3	3.3	1.6	.4						9.8	11.7
NW	.2	.7	3.9	3.4	2.2	.7						13.1	13.0
NNW	.2	1.6	2.2	2.2	.7	.7						7.3	11.3
VARBL													
CALM												3.6	
	3.3	19.8	29.4	30.7	8.4	2.9	.1					100.0	10.1

TOTAL NUMBER OF OBSERVATIONS

837

2

DATA PROCESSING DIVISION
ETAC/USAF
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF WIND
DIRECTION AND SPEED
(FROM HOURLY OBSERVATIONS)

SURFACE WINDS

94010
STATION

GLASGOW MONTANA AFB
STATION NAME

60-68
YEARS

1 AR
MONTH

1800-2000
HOURS (L.S.T.)

ALL WEATHER
CLASS

CONDITION

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	%	MEAN WIND SPEED
N	.8	2.3	2.3	2.5	.1							8.0	8.4
NNE	.8	1.3	1.0	1.3	.6							5.0	8.8
NE	.8	.6	1.1	.7	.1	.1						3.5	7.6
ENE	.6	1.1	1.0	.4	.2	.2						3.5	8.7
E	1.1	3.0	2.3	2.2								8.5	7.6
ESE	.8	2.6	1.9	1.9	.2							7.5	8.1
SE	.2	2.4	3.8	2.4		.4						9.2	9.4
SSE	1.0	1.9	1.7	.5								5.0	6.5
S	.5	1.4	1.6	.4								3.8	7.1
SSW	.6	1.2	.5	.2								2.5	6.2
SW	.1	.7	.6	.2								1.7	6.8
WSW	.6	1.3	1.2									3.1	5.8
W	.6	2.6	2.2	1.4	.2							7.0	8.0
WNW	.5	1.9	2.2	.7	.7							6.0	9.0
NW	.5	1.6	3.7	2.6	.2	.2						9.1	9.7
NNW	.6	2.3	2.2	2.7	.5	.7						9.1	10.3
VARBL													
CALM												7.5	
	10.2	28.4	29.0	20.2	3.0	1.7						100.0	7.8

TOTAL NUMBER OF OBSERVATIONS

837

2

DATA PROCESSING DIVISION
ETAC/USAF
AIR WEATHER SERVICE/HAC

PERCENTAGE FREQUENCY OF WIND
DIRECTION AND SPEED
(FROM HOURLY OBSERVATIONS)

SURFACE WINDS

94010
STATION

GLASGOW MONTANA AFB
STATION NAME

60-68
YEARS

1-AR
MONTH

ALL WEATHER
CLASS

2100-2300
HOURS (L.S.T.)

CONDITION

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	%	MEAN WIND SPEED
N	.7	2.9	1.3	.8	.4	.1						6.2	7.4
NNE	.7	1.0	.7	2.2	.2							4.8	9.6
NE	.8	.7	.6	.4	.2							3.1	9.0
ENE	.7	1.7	1.6	.3		.2						4.7	7.3
E	.7	2.4	2.3	2.4	.2							8.0	8.4
ESE	.6	3.1	1.9	1.6	.3							7.6	8.3
SE	.3	1.2	2.6	2.7	.9							7.3	10.1
SSE	1.1	2.4	1.7	.3								3.6	6.3
S	.4	1.9	2.0	.4								4.7	6.7
SSW	.4	1.6	1.7	.2								3.8	6.5
SW		.8	1.2	.2								2.3	7.4
WSW	.2	1.2	.8	.1								2.4	6.8
W	.4	1.2	2.0	1.4	.4							3.4	9.4
WNW	.8	2.0	2.2	.8	.1	.1						6.1	7.3
NW	.7	2.7	3.6	1.7	.6	.2	.1					9.7	9.1
NNW	.7	1.9	3.0	1.3	.4	.1						7.4	8.6
VARBL													
CALM												10.8	
	9.4	28.7	29.2	17.2	3.3	1.2	.1					100.0	7.3

TOTAL NUMBER OF OBSERVATIONS

837

2

DATA PROCESSING DIVISION
ETAC/USAF
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF WIND
DIRECTION AND SPEED
(FROM HOURLY OBSERVATIONS)

SURFACE WINDS

94010
STATION

GLASGOW MONTANA AFB
STATION NAME

60-68
YEARS

APR
MONTH

ALL WEATHER
CLASS

0000-0200
HOURS (L.S.T.)

CONDITION

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	%	MEAN WIND SPEED
N	.6	1.6	2.8	1.6	.6	.2						7.5	9.9
NNE		1.9	1.5	2.0	.4	.1						5.8	9.9
NE	.5	1.2	.9	1.1	.1	.1						4.0	8.7
ENE	.7	1.9	1.1	.7	.4							4.8	7.8
E	.9	3.8	3.0	1.4	1.1	.5						10.2	9.4
ESE	.4	1.6	3.0	1.2	.6	.4						7.2	9.8
SE	.5	1.1	2.3	1.9	.1							6.0	9.2
SSE		1.9	1.2	1.4								4.4	8.4
S	.5	2.3	1.9	.4								5.1	8.4
SSW	.2	1.4	2.0	.2								3.8	8.4
SW	.2	1.2	.6	.1								2.2	8.3
WSW	.5	1.7	1.5	.2								4.0	8.4
W	.1	1.2	4.1	2.3	.2	.1						8.1	10.2
WNW	.2	1.9	3.3	1.7	.1	.4						7.7	9.8
NW	1.1	2.3	1.7	1.0	.7	.1						7.0	8.4
NNW	.1	1.3	2.0	2.1	.1							5.8	9.8
VARB													
CALM												6.3	
	6.7	28.1	33.0	19.4	4.6	2.0						100.0	8.3

TOTAL NUMBER OF OBSERVATIONS 810

2

DATA PROCESSING DIVISION
ETAC/USAF
AIR WEATHER SERVICE/HAC

PERCENTAGE FREQUENCY OF WIND
DIRECTION AND SPEED
(FROM HOURLY OBSERVATIONS)

SURFACE WINDS

94010
STATION

GLASGOW MONTANA AFB
STATION NAME

60-68
YEARS

APR
MONTH

ALL WEATHER
CLASS

0300-0500
HOURS (L.S.T.)

CONDITION

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	%	MEAN WIND SPEED
N	.6	1.7	2.5	1.4		.2	.1					6.5	9.2
NNE	.7	1.9	1.6	1.2	.9	.1	.1					6.5	9.9
NE	.5	1.0	1.2	1.7	.4							4.8	9.8
ENE	.5	2.0	.9	1.0	.6							4.9	8.7
E	.2	3.7	3.0	1.5	1.6	.4	.1					10.5	10.1
ESE	.5	1.7	1.9	1.1	.4							5.6	8.4
SE	.2	1.6	2.5	1.2	.2	.1						5.9	8.5
SSE	1.0	2.5	1.4	.5								5.3	6.4
S	1.2	2.6	.9	.1								4.8	4.9
SSW	.6	.7	.4	.2								2.0	5.3
SW	.2	1.0	.7									2.0	6.1
WSW	1.0	.9	.9	.6								3.3	6.6
W	.4	2.7	2.6	2.8	.2	.2						10.0	9.5
WNW	.4	1.7	3.5	2.6	.2							8.4	9.6
NW	.5	1.7	1.6	1.4	.5							5.7	9.0
NNW	.4	1.0	1.9	1.9	.1							5.2	9.1
VARBL													
CALM												8.5	
	9.0	28.4	28.1	19.3	5.2	1.1	.4					100.0	8.0

TOTAL NUMBER OF OBSERVATIONS

810

2

DATA PROCESSING DIVISION
ETAC/USAF
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF WIND
DIRECTION AND SPEED
(FROM HOURLY OBSERVATIONS)

SURFACE WINDS

94010
STATION

GLASGOW MONTANA AFB
STATION NAME

60-68
YEARS

APR
MONTH

ALL WEATHER
CLASS

0600-0800
HOURS (L.S.T.)

CONDITION

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	%	MEAN WIND SPEED
N	.5	1.6	1.7	1.2	.5	.5						6.0	10.6
NNE	1.2	1.1	.7	1.7	.6	.1						5.6	9.5
NE	.2	.7	1.7	1.0	.2							4.0	9.3
ENE	.6	1.1	1.0	1.6	.7	.6						5.7	11.4
E	.7	2.8	2.6	2.0	1.2	.4	.1					9.9	10.3
ESE	.7	1.1	2.3	2.1	.1							6.4	9.2
SE	.1	1.7	2.7	2.3	.6							7.5	10.0
SSE	.9	1.9	1.6	.5								4.8	6.6
S	.4	2.3	.6	.1	.1							3.6	6.2
SSW	.4	1.3	.6									2.5	5.3
SW	.5	1.2	1.2	.4								3.3	6.9
WSW	.5	.7	1.6	.4	.1							3.3	8.0
W	.1	1.6	3.0	3.0	.6	.4						8.6	10.9
WNW	.5	1.7	4.0	3.2	1.2		.1					10.7	10.8
NW	.5	.6	1.7	2.3	.4	.2	.1					6.0	11.4
NNW	.5	1.5	2.5	2.2	.1		.1					6.9	9.4
VARBL													
CALM												5.1	
	8.4	23.3	29.6	24.2	6.7	2.2	.5					100.0	9.2

TOTAL NUMBER OF OBSERVATIONS

810

2

DATA PROCESSING DIVISION
ETAC/USAF
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF WIND
DIRECTION AND SPEED
(FROM HOURLY OBSERVATIONS)

SURFACE WINDS

94010
STATION

GLASGOW MONTANA AFB
STATION NAME

60-68
YEARS

APR
MONTH

ALL WEATHER
CLASS

0900-1100
HOURS (L.S.T.)

CONDITION

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	%	MEAN WIND SPEED
N	.2	1.0	.4	2.5	.6	.5						5.2	12.3
NNE	.2	.4	1.0	1.9	.6							4.1	11.8
NE	.1	.2	.6	.9	.2							2.1	11.2
ENE		1.1	.5	.5	.4	.2	.2					3.0	12.5
E	.2	.7	1.7	3.1	1.1	.7	.4					8.0	14.3
ESE	.1	1.1	2.6	.4	.9							5.1	10.1
SE	.1	1.0	3.0	4.3	.7	.1		.1				9.4	11.6
SSE	.2	1.1	2.2	2.1	.2							5.9	9.7
S	.4	.5	2.0	1.2		.1						4.2	9.4
SSW		1.1	2.2	1.2	.1							4.7	9.0
SW	.7	.5	1.4	.1		.1						2.8	7.0
WSW	.5	.6	2.7	1.9	.2	.2						5.8	10.1
W	.4	.7	3.0	3.6	.5	.4		.1				8.6	11.7
WNW	.1	.9	2.3	3.8	2.5	.5	.2					10.4	13.9
NW	.2	1.1	1.2	2.3	2.7	.1		.1				7.9	13.6
NNW	.4	.7	1.9	3.6	2.0	.7	.1					9.4	13.8
VARBL													
CALM												3.5	
	4.1	12.8	28.6	33.0	12.0	3.8	1.0	.4				100.0	11.9

TOTAL NUMBER OF OBSERVATIONS

810

2

DATA PROCESSING DIVISION
ETAC/USAF
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF WIND
DIRECTION AND SPEED
(FROM HOURLY OBSERVATIONS)

SURFACE WINDS

94010
STATION

GLASGOW MONTANA AFB
STATION NAME

60-68
YEARS

APR
MONTH

1200-1400
HOURS (L.S.T.)

ALL WEATHER
CLASS

CONDITION

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	%	MEAN WIND SPEED
N		.4	1.1	3.2	1.7	.4						6.8	14.4
NNE	.1	.4	.5	1.1	.4	.1						2.6	12.7
NE		1.1	1.1	1.0	.1							3.3	9.2
ENE	.1	.6	.5	.4	.1	.5	.1					2.3	13.5
E		.6	1.1	2.7	1.6	.5	.2					6.8	14.8
ESE	.1	.9	1.5	.7	1.0	.1						4.3	11.7
SE	.1	.5	2.1	2.7	.5	.2						6.2	11.9
SSE		.7	1.6	2.6	.5	.2						5.7	12.0
S		.6	1.9	2.2	.5							5.2	11.2
SSW		1.2	2.1	1.5	.1	.2						5.2	10.1
SW	.1	.9	1.5	.6	.2							3.3	9.3
WSW	.1	.7	2.0	1.7	.5							5.1	10.5
W	.1	1.1	2.8	4.8	2.0	.5	.1					11.5	12.8
WNW	.6	1.4	1.9	3.5	1.6	1.4	.1		.1			10.5	13.8
NW	.4	1.1	1.7	2.2	2.5	.6	.5	.1	.1			9.1	15.0
NNW		1.0	2.0	3.5	2.6	.6						9.6	13.9
VARBL													
CALM												2.5	
	1.9	13.2	25.3	34.4	15.8	5.4	1.1	.1	.2			100.0	12.4

TOTAL NUMBER OF OBSERVATIONS

810

2

DATA PROCESSING DIVISION
ETAC/USAF
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF WIND
DIRECTION AND SPEED
(FROM HOURLY OBSERVATIONS)

SURFACE WINDS

94010
STATION

GLASGOW MONTANA AFB
STATION NAME

60-68
YEARS

APR
MONTH

ALL WEATHER
CLASS

1500-1700
HOURS (LST)

CONDITION

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	%	MEAN WIND SPEED
N	.1	.9	.5	3.7	1.9	.5	.2					7.8	14.7
NNE		.6	.6	1.4	.1							2.7	10.5
NE	.2	.5	.4	.9	.2	.4						2.6	12.0
ENE	.1	1.0	.6	.7	.2	.4						3.1	11.1
E	.1	.9	1.4	1.9	1.7	.4	.4					6.7	14.2
ESE	.1	.7	1.4	1.4	.2	.5						4.3	11.5
SE		1.2	2.1	2.2	.2	.4						6.2	10.9
SSE	.2	1.1	3.0	.9	.1	.1						5.4	9.1
S	.2	1.1	2.6	2.2	.2	.1						6.5	10.3
SSW		1.4	1.1	1.2								3.7	8.7
SW		.4	1.9	.9		.1						3.2	10.2
WSW	.1	1.0	2.2	1.0	.1							4.4	9.2
W	.2	1.0	2.8	3.2	1.0	.5						8.8	12.0
WNW	.2	1.5	2.2	4.2	1.7	.9	.4					11.1	13.3
NW	.1	.9	1.4	3.5	1.5	.5	.4	.5				8.6	15.5
NNW	.1	1.6	1.7	4.8	3.6	1.2						13.1	14.1
VARBL													
CALM												1.7	
	2.1	15.7	25.8	34.0	13.0	5.9	1.4	.5				100.0	12.1

TOTAL NUMBER OF OBSERVATIONS

810

2

DATA PROCESSING DIVISION
ETAC/USAF
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF WIND
DIRECTION AND SPEED
(FROM HOURLY OBSERVATIONS)

SURFACE WINDS

94010 STATION GLASGOW MONTANA AFR 60-68 YEARS APR MONTH 1800-2000 HOURS (L.S.T.)

ALL WEATHER CLASS

CONDITION

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	%	MEAN WIND SPEED
N	.4	2.1	2.5	3.2	1.1	.1	.2					9.6	11.1
NNE	.2	1.1	1.1	1.1	.2	.1						4.0	9.5
NE		.4	1.1	.7	.1	.6						3.0	12.6
ENE	.5	1.5	1.2	1.4	.1							4.7	8.0
E	.5	1.7	.9	1.6	1.5	1.0						7.2	12.6
ESE	.4	2.0	2.2	2.5	.4	.2						7.7	10.0
SE	.2	1.9	1.7	2.2	.1							6.2	9.3
SSE	.6	2.2	1.6	.4	.1							4.9	6.9
S	.2	2.3	2.3	1.4								6.3	8.3
SSW	.5	2.3	1.5	.1								4.4	6.2
SW	.1	1.5	1.1	.2								3.0	6.7
WSW	.5	1.2	1.4	.1								3.2	6.3
W	.4	1.9	3.3	2.0	.2	.1						7.9	9.4
WNW	.2	2.1	1.5	1.6	1.1	.1						6.7	10.5
NW	.4	1.7	1.7	2.1	1.1	.2						7.3	11.1
NNW	.2	2.2	2.8	4.3	.7	.4						10.7	10.9
VARBL													
CALM												3.3	
	9.4	28.1	28.0	24.9	6.9	3.0	.2					100.0	9.4

TOTAL NUMBER OF OBSERVATIONS 810

2

DATA PROCESSING DIVISION
ETAC/USAF
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF WIND
DIRECTION AND SPEED
(FROM HOURLY OBSERVATIONS)

SURFACE WINDS

94010
STATION

GLASGOW MONTANA AFB
STATION NAME

60-68
YEARS

MAY
MONTH

ALL WEATHER
CLASS

0000-0200
HOURS (LST)

CONDITION

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	%	MEAN WIND SPEED
N	.2	1.7	.8	2.0	.6							5.4	9.8
NNE	1.0	1.8	1.1	.6	.1	.1						4.7	6.8
NE	.5	1.7	1.8	.7	.1							4.8	7.6
ENE	.2	1.7	2.4	.7	.5	.1						5.6	9.2
E	.5	3.0	3.0	2.5	.4							9.3	8.6
ESE	.2	3.6	3.5	4.4	1.1	.1						12.9	10.3
SE		1.1	2.7	2.7								6.6	10.0
SSE	.1	1.3	1.6	1.2								4.2	8.7
S	.4	1.3	1.3	1.2								4.2	8.2
SSW	.2	.7	1.2	.2								2.4	7.4
SW	.8	.5	1.2									2.5	5.5
WSW	.1	1.3	.6	.6								2.6	7.8
W	.1	2.6	3.1	2.7		.1						8.7	9.2
WNW		1.9	2.4	2.7	.6							7.6	10.3
NW	.1	1.9	2.0	1.3	.7							6.1	9.4
NNW	.4	.8	1.6	1.6	.7	.1	.2					5.4	11.8
VARBL													
CALM												7.0	
	4.9	26.9	30.2	23.3	4.8	.6	.2					100.0	8.5

TOTAL NUMBER OF OBSERVATIONS

837

2

DATA PROCESSING DIVISION
ETAC/USAF
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF WIND
DIRECTION AND SPEED
(FROM HOURLY OBSERVATIONS)

SURFACE WINDS

94010
STATION

GLASGOW MONTANA AFB
STATION NAME

60-68
YEARS

APR
MONTH

ALL WEATHER
CLASS

2100-2300
HOURS (LST)

CONDITION

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	%	MEAN WIND SPEED
N	.2	2.8	1.9	2.1	1.0							8.6	9.8
NNE	.1	1.6	1.4	1.2	.1	.1						4.6	9.0
NE	.7	.7	1.3	1.4								4.3	8.5
ENE	.5	1.0	1.3	.9	.5							4.3	9.1
E	.4	2.3	2.0	2.1	1.0	.5	.1					8.4	10.7
ESE	.2	1.6	1.9	2.1	1.0	.2						7.0	11.1
SE	.1	2.3	2.0	2.5	.1							7.2	9.2
SSE	.9	1.9	2.2	1.0	.4							6.3	8.0
S	.3	2.3	1.3	1.0	.1							3.6	7.3
SSW	.7	2.1	.9	.1								3.8	5.7
SW	.2	.9	.6	.4								2.1	7.7
WSW		1.9	1.3	.6								4.0	7.3
W	.2	1.4	2.6	1.7	.5							6.4	9.6
WNW	.4	1.3	2.0	1.6	.4							3.8	9.2
NW	.3	2.0	2.7	1.4	.6	.2						7.4	9.3
NNW	.3	2.2	2.7	1.9	.6		.1					8.0	9.4
VARBL													
CALM												6.8	
	6.3	28.8	28.6	21.9	6.3	1.1	.2					100.0	8.5

TOTAL NUMBER OF OBSERVATIONS 810

2

DATA PROCESSING DIVISION
ETAC/USAF
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF WIND
DIRECTION AND SPEED
(FROM HOURLY OBSERVATIONS)

SURFACE WINDS

94010
STATIONGLASGOW MONTANA AFB
STATION NAME60-68
YEARSMAY
MONTHALL WEATHER
CLASS0300-0900
HOURS (L.S.T.)

CONDITION

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	%	MEAN WIND SPEED
N	.2	1.6	1.6	1.6	.5							5.4	10.0
NNE	.5	1.3	1.7	.7								4.2	7.3
NE	.5	1.9	1.7	.7	.2							5.0	7.8
ENE	.7	3.8	2.0	1.2	.5	.1						8.4	8.0
E	1.1	2.4	3.0	1.7	.2							8.4	8.0
ESE	.2	2.2	2.6	4.8	1.2	.4						11.4	11.2
SE	.4	1.2	1.9	2.9	.1	.1						6.6	10.2
SSE	.5	1.3	1.3	.6								3.7	7.2
S	.4	.7	1.0	.6								2.6	7.7
SSW		.5	1.0	.2								1.7	7.9
SW	.5	.8	.5	.1								1.4	5.8
WSW	.1	.4	.6	.5								1.6	8.9
W	.4	1.9	4.9	3.2	.6	.1						11.1	9.8
WNW	.1	2.2	3.8	3.5	.4							9.9	9.7
NW	.6	1.2	1.1	1.2	.4	.2						4.7	9.6
NNW	.2	.6	1.4	1.6	1.0	.4						5.1	12.0
VARBL												8.5	
CALM													
	6.3	23.9	30.0	25.0	5.0	1.3						100.0	8.5

TOTAL NUMBER OF OBSERVATIONS

837

2

DATA PROCESSING DIVISION
ETAC/USAF
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF WIND
DIRECTION AND SPEED
(FROM HOURLY OBSERVATIONS)

SURFACE WINDS

94010
STATIONGLASGOW MONTANA AFB
STATION NAME60-68
YEARSMAY
MONTHALL WEATHER
CLASS0600-0800
HOURS (L.S.T.)

CONDITION

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	%	MEAN WIND SPEED
N	.2	.7	1.6	2.5	.7	.1						5.8	11.3
NNE	.1	.4	1.2	.2	.4	.1						2.4	10.7
NE	.2	1.1	.6	1.2								3.1	8.7
ENE		.7	1.9	2.2		.4						5.1	11.0
E	.7	2.3	3.2	3.2	.8							10.3	9.7
ESE	.5	1.6	2.9	3.5	.8	.6						9.8	11.2
SE	.7	1.6	3.6	3.8	1.4	.4						11.5	11.2
SSE	.4	1.0	1.4	.8								3.6	8.1
S	.4	.8	1.4	.7								3.3	8.3
SSW	.2	.6	.8	.2								1.9	7.2
SW	.4	1.0	1.2	.5		.1						3.1	7.8
WSW		.4	.6	.7	.1							1.8	10.1
W	.2	1.4	3.1	3.8	1.0	.4						9.9	11.5
WNW		1.1	3.0	4.1	1.7	.4	.2					10.4	12.9
NW		1.6	1.6	2.6	.6	.2	.2	.1				6.9	11.9
NNW		.5	2.3	2.3	1.1	.2	.2					6.6	13.0
VARBL													
CALM												4.4	
	4.1	16.3	30.3	32.4	8.6	2.9	.7	.1				100.0	10.4

TOTAL NUMBER OF OBSERVATIONS

837

2

DATA PROCESSING DIVISION
ETAC/USAF
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF WIND
DIRECTION AND SPEED
(FROM HOURLY OBSERVATIONS)

SURFACE WINDS

94010

GLASGOW MONTANA AFB

60-68

MAY

STATION

STATION NAME

YEARS

MONTH

ALL WEATHER

0900-1100

CLASS

HOURS (L.E.T.)

CONDITION

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 53	≥ 56	%	MEAN WIND SPEED
N	.1	.5	1.1	2.3	.6	.5						5.0	13.2
NNE	.1	.5	.5	.2	.1	.1						1.6	9.9
NE		.4	.2	.7	.1	.1						1.6	11.6
ENE		.4	1.0	2.3	.6	.2						4.4	13.0
E	.2	.5	.6	2.3	.7	.5						4.8	13.3
ESE	.1	.6	2.2	3.3	.7	.5						7.4	12.5
SE	.4	1.6	2.3	4.9	2.7	1.2						13.0	13.7
SSE		1.6	3.0	2.9	.7	.4						8.3	11.0
S	.2	1.1	2.4	2.5	.5							6.7	10.8
SSW		1.1	1.0	.2								2.3	7.6
SW	.2	.5	.6	.4	.2							1.9	9.0
WSW	.1	.2	1.4	1.0								2.7	9.7
W	.5	1.2	2.4	3.5	1.4	.8	.4	.1				10.3	13.3
WNW	.2	1.0	2.7	4.1	3.3	.6	.2					12.2	14.0
NW	.1	.5	1.0	3.5	1.7	.4	.4					7.4	14.8
NNW		.7	2.2	3.8	1.4	.2						8.4	12.7
VARBL													
CALM												1.9	
	2.4	12.1	24.4	37.8	14.9	5.5	1.0	.1				100.0	12.4

TOTAL NUMBER OF OBSERVATIONS

837

2

DATA PROCESSING DIVISION
ETAC/USAF
AIR WEATHER SERVICE/HAC

PERCENTAGE FREQUENCY OF WIND
DIRECTION AND SPEED
(FROM HOURLY OBSERVATIONS)

SURFACE WINDS

94010
STATION

GLASGOW MONTANA AFB
STATION NAME

60-68
YEARS

MAY
MONTH

ALL WEATHER
CLASS

1200-1400
HOURS (L.S.T.)

CONDITION

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	%	MEAN WIND SPEED
N	.1	.4	1.2	2.4	.6	.6	.1					5.4	14.1
NNE	.1	.1	.4	.7	.1	.1						1.6	12.4
NE	.2	.2	1.0	.4	.2	.1						2.2	10.6
ENE		.2	.7	1.9	.2	.4						3.5	13.2
E	.4	.7	.7	1.0	.7	.4						3.8	11.8
ESE		.4	1.7	3.7	.8	.2	.1					6.9	13.4
SE		.8	2.9	4.4	2.3	1.3						11.7	14.1
SSE	.4	1.0	1.9	2.6	.7	.1						6.7	11.2
S	.4	1.1	1.3	2.3	1.0	.2						6.2	11.8
SSW	.5	.7	.8	1.0	.4	.1						3.5	9.5
SW	.1	.6	1.1	.7	.4							2.9	10.4
WSW	.2	.4	1.6	1.1	.5							3.7	10.5
W		1.2	2.3	4.4	2.4	1.4	.2	.1				12.1	14.8
WNW	.1	.8	2.2	2.9	1.8	1.0	.4	.1				9.2	14.8
NW		.8	1.9	4.2	1.7	.8	.2	.1				9.7	14.2
NNW	.1	.7	1.0	4.2	1.8	.5						8.2	13.9
VARBL													
CALM												2.9	
	2.9	10.2	22.5	37.9	15.5	7.0	1.1	.4				100.0	12.8

TOTAL NUMBER OF OBSERVATIONS

837

2

DATA PROCESSING DIVISION
ETAC/USAF
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF WIND
DIRECTION AND SPEED
(FROM HOURLY OBSERVATIONS)

SURFACE WINDS

94010

GLASGOW MONTANA AFB

60-68

MAY

STATION

STATION NAME

YEARS

MONTH

ALL WEATHER

1500-1700

CLASS

HOURS (L.S.T.)

CONDITION

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	%	MEAN WIND SPEED
N	.5	.7	1.9	3.9	1.0	.1						8.1	11.5
NNE	.4	.6	1.0	.7	.1		.1					2.9	9.4
NE	.2	.4	1.0	.5								2.0	9.2
ENE	.4	.2	.7	1.1	.4	.1						2.9	11.0
E		.8	1.0	1.2	1.2	.2	.2					4.7	13.2
ESE	.1	1.1	1.6	3.1	.8	.5						7.2	12.4
SE		.4	2.4	4.4	1.7	1.2						10.0	14.5
SSE	.2	1.1	1.4	1.8	1.0							5.5	11.0
S	.1	.5	1.7	2.3	1.4	.1						6.1	12.9
SSW	.1	1.1	1.4	.7	.1							3.5	8.8
SW	.2	.8	1.2	.6	.2							3.1	9.1
WSW	.2	1.1	.6	1.6	.1							3.6	10.2
W	.2	1.6	2.3	3.7	1.6	.6		.1				10.0	12.9
WNW	.5	1.1	2.4	2.6	2.0	1.4	.1	.1				10.3	14.1
NW	.2	.5	2.4	2.7	1.7	1.1	.1					8.7	14.1
NNW	.1	.7	1.8	3.8	1.9	.7						9.1	13.9
VARBL													
CALM												2.4	
	3.0	12.5	24.6	34.8	19.2	6.1	.6	.2				100.0	12.2

TOTAL NUMBER OF OBSERVATIONS

837

2

DATA PROCESSING DIVISION
ETAC/USAF
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF WIND
DIRECTION AND SPEED
(FROM HOURLY OBSERVATIONS)

SURFACE WINDS

94010
STATION

GLASGOW MONTANA AFB
STATION NAME

60-68
YEARS

MAY
MONTH

ALL WEATHER
CLASS

1800-2000
HOURS (L.S.T.)

CONDITION

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	%	MEAN WIND SPEED
N	.2	1.7	1.8	3.2	.6	.4	.1					8.0	11.4
NNE	.8	1.1	.8	1.3	.1							4.2	8.3
NE	.2	.6	1.2	.4	.1							2.5	8.5
ENE	.1	.8	1.0	1.6		.1						3.6	9.8
E	.5	1.9	1.9	2.2	.6	.1	.1					7.3	10.2
ESE	.2	1.2	1.8	2.8	1.3							7.3	11.3
SE	.5	1.6	1.9	4.2	1.0	.8						9.9	12.1
SSE	.2	1.2	2.3	2.3	.5	.1						6.6	10.4
S	.4	1.6	2.3	1.6	.1							5.9	8.8
SSW		.8	1.4									2.3	7.3
SW	.4	1.4	.2	.2								2.3	5.5
WSW	.5	.8	.8	.2	.1							2.5	7.0
W	.5	2.4	2.9	2.0	1.0	.5		.1				9.3	10.6
WNW	.6	1.3	2.0	2.4	1.0	.6						7.9	11.7
NW	.1	1.3	1.1	2.4	.6		.1	.1				5.7	11.6
NNW	.4	2.3	1.6	2.3	1.2	.1		.1				8.5	11.0
VARBL													
CALM												6.2	
	5.6	22.2	25.0	29.2	8.2	2.8	.4	.4				100.0	9.8

TOTAL NUMBER OF OBSERVATIONS

836

2

DATA PROCESSING DIVISION
ETAC/USAF
AIR WEATHER SERVICE/MAC

SURFACE WINDS

PERCENTAGE FREQUENCY OF WIND
DIRECTION AND SPEED
(FROM HOURLY OBSERVATIONS)

94010
STATIONGLASGOW MONTANA AFB
STATION NAME60-68
YEARSDAY
MONTHALL WEATHER
CLASS2100-2300
HOURS (L.S.T.)

CONDITION

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	%	MEAN WIND SPEED
N	.5	1.7	1.2	1.8	.6	.4		.1				6.2	11.1
NNE	.7	1.6	1.0	1.7	.5							4.4	8.1
NE	.5	1.1	1.0	1.1								3.6	8.0
ENE	.7	1.4	2.2	1.3	.1	.1	.1					6.0	9.1
E	.8	2.8	2.6	2.8	.2							9.2	8.5
ESE	.5	1.3	2.4	3.2	1.2	.1						8.8	11.3
SE	.2	2.5	2.9	3.1	.6							9.4	9.9
SSE	.5	1.9	2.2	1.3	.2							6.1	8.4
S	.2	1.0	2.4	.5	.1							4.2	8.2
SSW	.2	1.4	1.2	.6								3.5	7.4
SW	.2	1.3	.4									1.9	5.4
WSW	.2	1.1	.6	.1								2.0	5.8
W	.4	1.6	1.6	3.4								6.8	9.6
WNW	.1	1.8	2.4	1.1	.7	.4						6.5	10.4
NW	.7	1.4	2.2	1.8	.7	.2		.1				7.3	10.2
NNW	.1	1.8	2.2	1.4	.8	.2	.1					6.8	10.8
VARBL													
CALM												7.2	
	6.7	29.7	28.4	24.2	5.9	1.4	.2	.2				100.0	8.7

TOTAL NUMBER OF OBSERVATIONS

834

2

DATA PROCESSING DIVISION
ETAC/USAF
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF WIND
DIRECTION AND SPEED
(FROM HOURLY OBSERVATIONS)

SURFACE WINDS

94010
STATION

GLASGOW MONTANA AFB
STATION NAME

60-67
YEARS

JUN
MONTH

ALL WEATHER
CLASS

0000-0200
HOURS (LST)

CONDITION

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	%	MEAN WIND SPEED
N	.4	3.5	2.6	.7	.3							7.5	7.4
NNE	1.1	2.6	2.5	1.0	.4							7.6	7.1
NE	1.2	2.2	1.8	.8								6.1	6.7
ENE	1.2	1.1	1.8	.8								5.0	7.0
E	.8	3.2	2.5	1.7	.3	.1						8.6	8.2
ESE	1.1	2.2	1.8	.8	.1							6.1	7.4
SE	.4	1.9	3.3	2.5	.3							4.5	9.2
SSE	.8	1.9	.8	.4								4.0	5.7
S	.7	1.4	1.4	.3								3.7	6.6
SSW	.3	1.0	.8									2.1	6.2
SW	.3	1.0	.8	.3								2.4	7.2
WSW		1.9	.4	1.2								3.6	8.6
W	.6	2.1	2.9	2.4	.4	.1						8.5	9.4
WNW	.7	.8	1.5	1.2								4.3	8.2
NW	.3	2.2	2.2	1.0	.1							5.8	7.5
NNW	.7	1.8	1.2	1.1	.3							5.1	8.1
VARBL													
CALM												11.0	
	10.7	31.0	28.6	16.2	2.2	.3						100.0	6.9

TOTAL NUMBER OF OBSERVATIONS 720

2

DATA PROCESSING DIVISION
ETAC/USAF
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF WIND
DIRECTION AND SPEED
(FROM HOURLY OBSERVATIONS)

SURFACE WINDS

94010
STATIONGLASGOW MONTANA AFB
STATION NAME60-67
YEARSJUN
MONTHALL WEATHER
CLASS0300-0500
HOURS (LST)

CONDITION

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	%	MEAN WIND SPEED
N	.4	2.2	1.9	1.0	.4							6.0	8.6
NNE	1.0	3.6	2.2	.6								7.4	6.3
NE	.8	1.3	1.8	1.0								5.1	7.5
ENE	.7	1.4	1.3	1.1								6.7	7.8
E	1.2	2.8	2.4	1.9								8.3	7.6
ESE	.8	1.4	3.5	2.1	.1							7.9	8.4
SE	.3	2.2	2.9	1.1	.1							6.7	8.1
SSE	.7	3.3	.4	.1								4.6	5.2
S	.3	1.1	1.1	.1								2.6	6.7
SSW	.3	.7	1.4									2.4	7.3
SW	.6	1.1	.6	.3	.1							2.6	7.1
WSW	.3	1.8	1.5	.3								3.9	7.1
W	.6	1.1	2.1	1.9	.1							5.8	9.1
WNW	.1	2.6	3.7	.8	.3							7.4	8.0
NW	.8	1.9	2.6	.6								5.7	7.1
NNW	.3	1.9	1.8	1.4	.3			.1				5.8	9.5
VARBL													
CALM												13.1	
	9.2	30.6	31.2	14.3	1.3			.1				100.0	6.7

TOTAL NUMBER OF OBSERVATIONS

720

2

DATA PROCESSING DIVISION
ETAC/USAF
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF WIND
DIRECTION AND SPEED
(FROM HOURLY OBSERVATIONS)

SURFACE WINDS

STATION 74010 STATION NAME GLASGOW MONTANA AFB YEARS 60-67 MONTH JUN
CLAS ALL WEATHER HOURS 0500-0800
CONDITION

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	%	MEAN WIND SPEED
N	.4	.8	1.8	1.8	.3	.3						5.4	10.3
NNE	.6	2.3	1.0	1.4								5.4	7.3
NE	.6	2.2	1.9	1.9								6.7	8.3
ENE	.6	1.2	.8	.8	.3							3.7	8.0
E	.7	1.6	2.4	2.1	.1	.1						7.4	9.0
ESE	.1	1.8	2.5	2.4	.1							6.9	9.8
SE	.6	1.5	2.4	2.6	.4							7.3	10.0
SSE	.3	1.1	3.2	1.8		.1						6.5	9.1
S	.4	.4	1.8	.8								3.5	8.3
SSW	.4	1.1	.7	.6								2.8	7.1
SW	.3	1.0	1.5	.1	.3	.1						3.3	8.4
WSW	.1	.4	1.9	1.7	.1	.1						4.4	10.3
W	.3	1.9	3.2	1.9	.8	.6	.1					8.9	11.0
WNW	.6	1.8	4.2	1.0	.3	.1	.1					8.1	9.1
NW	.1	1.1	2.8	1.9	.1							6.1	9.6
NNW	.1	1.4	2.1	1.2	.3	.1						6.2	9.3
VARBL													
CALM												7.1	
	6.1	22.4	35.1	24.2	3.2	1.7	.3					100.0	8.6

TOTAL NUMBER OF OBSERVATIONS 720

2

DATA PROCESSING DIVISION
ETAC/USAF
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF WIND
DIRECTION AND SPEED
(FROM HOURLY OBSERVATIONS)

SURFACE WINDS

94010
STATIONGLASSBORO MONTANA AFB
STATION NAME60-67
YEARSJUN
MONTHALL WEATHER
CLASS0900-1100
HOURS (LST)

CONDITION

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	%	MEAN WIND SPEED
N	.4	.8	2.2	1.5	.4							5.4	9.5
NNE	.3	.6	1.4	.8								3.1	8.8
NE	.3	.7	1.9	1.1								4.0	8.7
ENE	.4	1.1	1.1	1.0	.4	.1						4.2	9.2
E	.4	.8	1.1	2.1	.3							4.7	10.6
ESE	.1	1.2	2.4	1.8	.1	.3						6.0	10.7
SE	.1	1.4	1.7	1.9	1.2	.6						6.9	12.4
SSE	.4	1.0	4.2	3.1	.1							8.7	9.7
S	.1	1.1	2.2	2.6	.4							6.4	10.3
SSW		1.0	2.8	.8	.1							4.7	8.9
SW	.3	1.2	2.4	.7	.3	.1						5.0	9.3
WSW	.6	1.2	1.5	1.2	.3	.3	.1					5.3	10.5
W	.1	1.9	3.2	3.9	1.4	.7						11.2	12.0
WNW		1.2	3.3	2.6	1.2	1.1						9.6	12.7
NW	.4	1.5	1.5	2.8	.3	.1						6.7	10.4
NNW	.4	.8	2.8	.7	.1							4.9	8.9
VARBL													
CALM												3.1	
	4.4	17.8	35.7	28.7	6.8	3.3	.1					100.0	10.2

TOTAL NUMBER OF OBSERVATIONS

720

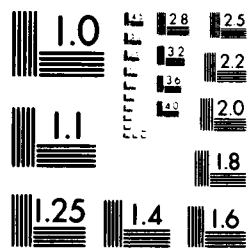
AD-A082 407 AIR FORCE ENVIRONMENTAL TECHNICAL APPLICATIONS CENTER--ETC F/O 4/2
GLASSBORO AFB, GLASSBORO MONTANA. REVISED UNIFORM SUMMARY OF SURFAC--ETC(U)
APR 72

AD-A082 407 AIR FORCE ENVIRONMENTAL TECHNICAL APPLICATIONS CENTER--ETC F/O 4/2
GLASSBORO AFB, GLASSBORO MONTANA. REVISED UNIFORM SUMMARY OF SURFAC--ETC(U)
APR 72

USAFETAC/DS-88/018

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MICROCOPY RESOLUTION TEST CHART
NATIONAL BUREAU OF STANDARDS-1963-A

2

DATA PROCESSING DIVISION
ETAC/USAF
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF WIND
DIRECTION AND SPEED
(FROM HOURLY OBSERVATIONS)

SURFACE WINDS

94010
STATION

GLASGOW MONTANA AFB
STATION NAME

60-67
YEARS

JUN
MONTH

ALL WEATHER
CLASS

1200-1400
HOURS (L.S.T.)

CONDITION

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	%	MEAN WIND SPEED
N	.1	1.1	1.2	1.9								4.6	9.7
NNE		1.1	1.0	1.0	.1							3.2	8.7
NE	.1	.7	1.5	1.1		.1						3.6	10.0
ENE		.8	.6	.3	.4	.1						2.2	10.8
E	.2	.7	1.5	.7	.3	.1						3.6	9.7
ESE		1.4	1.8	2.3	.6							6.2	11.1
SE	.3	1.9	2.3	3.1	.7	.6						9.0	11.1
SSE	.3	1.2	3.6	1.7	.6	.1						7.3	10.1
S	.3	.6	2.8	2.4	.3							6.2	10.3
SSW	.1	1.9	1.3	.8	.1							4.6	7.9
SW	.1	.7	2.2	1.1	.4	.4						5.0	11.2
WSW	.1	.8	3.3	1.1	.6	.1						6.2	10.2
W	.4	1.2	3.2	4.4	2.2	.8						12.4	13.0
WNW	.4	.3	2.3	3.6	2.2	.6	.1					9.7	13.6
NW	.7	1.3	1.1	2.3	.7	1.0	.1					7.6	12.3
NNW		1.0	2.2	1.4	.6							5.1	10.4
VARBL													
CALM												3.2	
	3.3	17.1	32.8	29.0	9.7	4.0	.3					100.0	10.7

TOTAL NUMBER OF OBSERVATIONS

720

2

DATA PROCESSING DIVISION
ETAC/USAF
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF WIND
DIRECTION AND SPEED
(FROM HOURLY OBSERVATIONS)

SURFACE WINDS

94010
STATION

GLASGOW MONTANA AFB
STATION NAME

60-67
YEARS

JUN
MONTH

ALL WEATHER
CLASS

1500-1700
HOURS (L.S.T.)

CONDITION

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	%	MEAN WIND SPEED
N	.1	1.2	1.5	1.2	1.0							5.1	10.8
NNE		1.7	1.5	1.2								4.4	8.8
NE	.3	.4	1.0	1.0	.1							2.8	9.3
ENE	.1	.7	1.1	.7		.1						2.8	8.9
E	.3	.7	1.2	2.3	.1	.4						3.3	11.3
ESE	.1	1.1	1.3	2.9	.6	.3						6.3	11.3
SE	.1	.7	1.8	2.9	.6	.8						6.9	12.6
SSE	.1	1.0	1.4	3.2	.4							6.1	11.1
S	.3	.7	2.4	1.4								4.7	9.0
SSW	.1	1.2	2.2	.4	.1							4.2	8.3
SW	.4	1.8	1.7	.6	.1							4.6	7.8
WSW		1.1	1.8	1.3	.7	.6						3.7	12.3
W	.3	1.1	2.8	3.3	2.6	.7	.1					11.1	13.7
WNW	.3	1.2	2.1	3.6	1.8	.8		.1				10.6	13.4
NW	.4	1.2	1.3	2.9	1.3	.8	.1	.1				8.7	13.6
NNW		.8	2.3	2.6	.4	.3						6.7	11.8
VARBL													
CALM												4.3	
	3.1	16.8	28.1	32.2	10.1	4.9	.3	.3				100.0	11.0

TOTAL NUMBER OF OBSERVATIONS

720

2

DATA PROCESSING DIVISION
ETAC/USAF
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF WIND
DIRECTION AND SPEED
(FROM HOURLY OBSERVATIONS)

SURFACE WINDS

94010
STATIONGLASGOW MONTANA AFB
STATION NAME60-67
YEARSJUN
MONTHALL WEATHER
CLASS1800-2000
HOURS (L.S.T.)

CONDITION

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	%	MEAN WIND SPEED
N	1.0	1.7	2.5	2.1	.4							7.6	9.1
NNE		1.0	1.4	1.0								3.3	8.6
NE	.6	1.5	1.2	1.1								4.4	7.8
ENE	1.0	1.1	1.7	1.2								5.0	7.9
E	.4	1.8	2.1	2.2	.1							6.7	9.0
ESE	.8	1.8	1.9	2.5	.7	.3	.1					8.2	10.2
SE	.4	1.0	1.9	2.8	1.1	.1						7.4	11.7
SSE	.7	1.8	2.5	.8	.3							6.1	7.8
S	.1	1.9	2.4	.3								4.7	7.1
SSW	.6	1.7	.7	.4								3.3	6.6
SW	.1	1.0	.8	.1	.4							2.5	8.8
WSW	.4	1.0	1.0	1.1	.3	.1						3.9	9.4
W	.4	1.8	2.5	2.4	1.7	.3						9.0	11.5
WNW	.1	.6	2.6	2.1	1.2		.1					6.8	12.1
NW	1.2	1.1	2.1	1.2	.4	.4	.1					6.7	10.0
NNW	.8	2.5	3.1	1.4	.1							7.9	8.1
VARBL													
CALM												6.4	
	8.7	23.2	30.4	22.8	6.8	1.2	.4					100.0	8.8

TOTAL NUMBER OF OBSERVATIONS

720

2

DATA PROCESSING DIVISION
ETAC/USAF
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF WIND
DIRECTION AND SPEED
(FROM HOURLY OBSERVATIONS)

SURFACE WINDS

94010
STATION

GLASGOW MONTANA AFB
STATION NAME

60-67
YEARS

JUN
MONTH

ALL WEATHER
CLASS

2100-2300
HOURS (L.S.T.)

CONDITION

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	%	MEAN WIND SPEED
N	.8	2.1	1.1	1.1	.3	.3						9.7	8.6
NNE	.3	2.5	1.8	.8	.3							5.7	7.7
NE	.7	1.4	1.5	.8	.1							4.6	7.9
ENE	1.1	1.9	2.2	1.2								6.5	7.1
E	1.0	3.5	1.9	1.5	.1	.1						8.2	7.5
ESE	.7	2.8	1.7	2.2	.3	.1						7.8	8.6
SE	.4	1.9	1.9	2.9	.6							7.8	10.0
SSE	1.1	2.4	1.5	1.2								6.2	8.7
S	1.4	1.5	1.4									4.3	5.0
SSW	.4	.6	.7	.4								2.1	7.4
SW	.1	1.5	.4	.4								2.5	6.5
WSW	.3	1.7	1.2	.6								3.7	7.4
W	.3	1.9	2.9	2.1	.7	.1	.1					8.2	10.6
WNW	.6	.7	1.8	1.1	.4							4.6	9.8
NW	1.2	2.5	1.8	.8	.3							6.7	7.2
NNW	1.0	1.8	1.7	.7		.1						5.3	7.3
VARBL													
CALM												10.1	
	11.4	30.7	25.7	18.1	3.1	.8	.1					100.0	7.2

TOTAL NUMBER OF OBSERVATIONS 720

2

DATA PROCESSING DIVISION
ETAC/USAF
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF WIND
DIRECTION AND SPEED
(FROM HOURLY OBSERVATIONS)

SURFACE WINDS

94010
STATIONGLASGOW MONTANA AFB
STATION NAME59-67
YEARSJUL
MONTHALL WEATHER
CLASS0000-0200
HOURS (L.S.T.)

CONDITION

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	%	MEAN WIND SPEED
N	1.0	3.8	2.9	.8								8.4	6.7
NNE	.9	3.6	2.0	.4	.3							7.1	6.4
NE	1.0	2.8	1.6	.5	.4							6.3	6.9
ENE	.9	2.3	2.1	.9	.1							6.3	7.1
E	.6	4.9	4.9	1.1								11.5	7.0
ESE	.8	2.8	3.4	2.2	.4	.1						9.9	8.9
SE	.6	2.4	4.3	1.8								9.3	8.1
SSE	.8	1.6	1.3	.4								4.0	6.4
S	.6	1.3	1.4	.3								3.3	6.3
SSW	.6	.8	1.0	.3								2.6	6.3
SW	.1	.5	.1		.1							.9	7.0
WSW	.4	.5	.8	.1								1.8	6.6
W	.3	2.1	1.9	.4	.3	.1	.3					5.3	9.1
WNW	.3	2.8	1.8	.4	.1	.1						5.4	7.4
NW	.6	1.3	1.3	.4	.1							3.9	7.1
NNW	.6	1.4	1.0		.4	.1						3.3	8.0
VARBL													
CALM												10.5	
	10.0	34.3	32.0	10.0	2.1	.3	.3					100.0	6.6

TOTAL NUMBER OF OBSERVATIONS

799

2

DATA PROCESSING DIVISION
ETAC/USAF
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF WIND
DIRECTION AND SPEED
(FROM HOURLY OBSERVATIONS)

SURFACE WINDS

94010
STATION

GLASGOW MONTANA AFB
STATION NAME

59-67
YEARS

JUL
MONTH

ALL WEATHER
CLASS

0300-0500
HOURS (L.S.T.)

CONDITION

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	%	MEAN WIND SPEED
N	.7	2.1	2.8	1.1	.2	.2						7.3	8.3
NNE	1.2	3.2	1.4	.7	.4							6.9	7.1
NE	1.0	3.0	2.0	.6								8.6	6.1
ENE	.7	2.1	2.2	1.5	.2							6.8	8.0
E	.7	3.4	2.3	.9		.1						7.3	7.3
ESE	.7	2.5	3.1	.9	.5							7.4	8.0
SE	.6	1.6	2.8	1.2	.5							6.8	9.1
SSE	1.6	2.1	1.5	.1								5.3	5.4
S	.7	1.5	.6	.4								3.2	6.0
SSW	.7	.9	.7									2.3	5.3
SW	.4	.6	.1									1.1	4.3
WSW		.7	.2	.1	.1							1.2	7.7
W	.4	1.7	2.2	1.4	.1							5.9	8.6
WNW	1.4	2.9	3.6	1.0	.2	.1						8.7	7.6
NW	.1	1.4	1.5	.6								3.6	7.3
NNW	1.0	1.0	.7	1.0	.5							4.2	8.9
VARBL													
CALM												13.0	
	12.1	32.2	27.9	11.4	2.8	.5						100.0	6.9

TOTAL NUMBER OF OBSERVATIONS

813

2

DATA PROCESSING DIVISION
ETAC/USAF
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF WIND
DIRECTION AND SPEED
(FROM HOURLY OBSERVATIONS)

SURFACE WINDS

94010
STATION

GLASSGOW MONTANA AFB
STATION NAME

59-67
YEARS

JUL
MONTH

ALL WEATHER
CLASS

0600-0800
HOURS (L.S.T.)

CONDITION

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	%	MEAN WIND SPEED
N	.3	1.2	1.9	1.2								4.8	8.3
NNE	1.0	1.7	2.5	.2	.2	.1						5.8	7.3
NE	.7	2.1	2.3	.7	.1							5.9	7.1
ENE	1.6	1.3	1.8	.4								5.1	6.2
E	.8	2.5	3.2	3.4	.1	.1						10.2	8.8
ESE	.6	2.4	2.8	1.6	.4	.1						7.9	8.6
SE	.5	2.4	3.2	2.5	.7	.1						9.5	9.5
SSE	.6	1.5	2.3	.8								5.2	7.5
S	.5	1.6	1.2	.3								3.8	6.6
SSW	.2	1.0	1.2									2.4	6.3
SW	.1	1.0	.6	.2								1.9	7.1
WSW	.6	.8	1.3	.1								2.9	6.3
W	.4	1.6	3.0	1.7	.4							7.0	9.2
WNW	.7	1.9	4.1	1.7	.6	.2						9.3	9.5
NW	.2	2.1	2.2	1.0	.6	.1						6.2	9.1
NNW	.2	.8	1.6	1.0	.3							4.1	10.0
VARBL													
CALM												7.9	
	9.3	25.9	35.3	17.1	3.6	.8						100.0	7.7

TOTAL NUMBER OF OBSERVATIONS

825

2

DATA PROCESSING DIVISION
ETAC/USAF
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF WIND
DIRECTION AND SPEED
(FROM HOURLY OBSERVATIONS)

SURFACE WINDS

94010
STATION

GLASGOW MONTANA AFB
STATION NAME

59-67
YEARS

JUL
MONTH

ALL WEATHER
CLASS

0900-1100
HOURS (L.S.T.)

CONDITION

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	%	MEAN WIND SPEED
N	.4	.8	1.8	1.2	.4							4.6	9.3
NNE	.5	.6	.6	.6	.2							2.5	8.0
NE		.4	1.2	.4	.1							2.0	9.1
ENE	.2	1.7	1.2	.7								3.9	7.4
E	.4	1.6	2.4	1.0	.1							5.4	8.2
ESE	.5	1.0	1.9	2.4	1.4							7.2	11.0
SE	.6	2.2	3.5	2.7	.5	.1						9.5	9.5
SSE	.2	1.1	2.9	3.0	.4							7.5	10.1
S	.6	1.5	2.7	1.9	.4							6.9	9.5
SSW	.5	.6	2.2	.2								3.5	7.6
SW	.2	1.2	1.0	.1								2.5	8.4
WSW	.5	.7	1.9	.8	.2							4.2	8.6
W	.4	2.4	4.1	3.9	.2	.2						11.2	10.0
WNW	.5	.8	3.1	2.7	.6	.7						10.4	11.0
NW	.7	.7	3.7	2.7	1.0	.2						8.3	11.3
NNW		.7	2.5	2.3	.4							5.9	10.7
VARBL													
CALM												4.5	
	5.4	17.8	38.7	26.5	5.8	1.3						100.0	9.3

TOTAL NUMBER OF OBSERVATIONS

830

2

DATA PROCESSING DIVISION
ETAC/USAF
AIR WEATHER SERVICE/MAC

SURFACE WINDS

PERCENTAGE FREQUENCY OF WIND
DIRECTION AND SPEED
(FROM HOURLY OBSERVATIONS)

94010
STATIONGLASGOW MONTANA AFB
STATION NAME59-67
YEARSJUL
MONTH1200-1400
HOURS (L.S.T.)ALL WEATHER
CLASS

CONDITION

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	%	MEAN WIND SPEED
N	.5	.6	1.9	1.2	.1	.1						4.6	9.6
NNE	.1	.6	.7	.1								1.6	6.7
NE	.1	.5	.4	.2								1.2	7.5
ENE	.5	.8	1.9	.2								3.0	6.9
E	.4	1.2	1.7	.9								3.7	7.3
ESE	.5	1.9	2.4	1.1	.6	.2						6.8	9.5
SE	.2	1.3	2.9	4.0	.2	.4						8.7	11.1
SSE	.1	1.0	3.3	1.8								6.4	9.6
S	.2	2.3	3.9	2.4	.1	.2						9.2	9.4
SSW	.1	1.2	1.3	.8								3.5	8.1
SW	.8	1.5	1.0	.5	.1		.1					4.0	7.2
WSW	.4	.6	2.4	1.1	.2							4.7	9.4
W	.2	1.9	3.6	4.4	1.7	.5						12.3	11.5
WNW	.4	1.7	4.7	2.7	1.0	.7						11.1	11.0
NW	.7	.6	3.1	3.6	.8	.4						9.3	11.2
NNW	.1	.8	2.3	2.7	.5	.1						6.5	11.0
VARBL													
CALM												3.3	
	5.4	18.6	27.0	27.4	5.4	2.7	.1					100.0	9.6

TOTAL NUMBER OF OBSERVATIONS

827

2

DATA PROCESSING DIVISION
ETAC/USAF
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF WIND
DIRECTION AND SPEED
(FROM HOURLY OBSERVATIONS)

SURFACE WINDS

94010
STATION

GLASGOW MONTANA AFB
STATION NAME

59-67
YEARS

JUL
MONTH

ALL WEATHER
CLASS

1500-1700
HOURS (L.S.T.)

CONDITION

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	%	MEAN WIND SPEED
N	.4	1.2	2.8	1.4	.7		.1					6.6	10.0
NNE	.6	.4	.8	.4								2.2	7.1
NE		.6	.8	.4								1.8	8.0
ENE	.5	1.2	.6	.4								2.7	6.6
E	.2	1.2	1.3	1.1	.1							4.0	8.7
ESE	.6	1.3	2.3	1.8	.5							6.5	9.4
SE	.1	.8	2.7	3.1	.2							7.0	10.6
SSE	.2	1.1	2.1	2.1	.2	.1						5.8	10.4
S	.5	1.7	3.1	3.1	.7	.1						9.3	10.3
SSW	.7	.8	1.0	.4								2.9	6.8
SW	.7	.6	1.4	.6	.4							3.7	8.7
WSW	.4	1.3	1.2	1.3	.1							4.3	8.9
W		1.1	4.5	3.0	1.6	.2	.1					10.5	11.5
WNW	.7	2.1	3.6	4.3	1.2	.6						12.5	11.3
NW	.2	1.4	3.9	2.7	.7	.2						9.2	10.8
NNW	.7	.5	2.2	2.7	.7	.4		.1				7.2	11.8
VARBL													
CALM												3.7	
	6.6	17.4	34.2	28.7	7.2	1.7	.2	.1				100.0	9.8

TOTAL NUMBER OF OBSERVATIONS 829

2

DATA PROCESSING DIVISION
ETAC/USAF
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF WIND
DIRECTION AND SPEED
(FROM HOURLY OBSERVATIONS)

SURFACE WINDS

94010
STATION

GLASGOW MONTANA AFB
STATION NAME

59-67
YEARS

JUL
MONTH

ALL WEATHER
CLASS

1800-2000
HOURS (L.S.T.)

CONDITION

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	%	MEAN WIND SPEED
N	.2	3.0	1.8	2.9	.4	.1	.2		.1			8.8	10.5
NNE	.5	1.5	2.7	.5	.1	.1						5.3	8.0
NE	.7	.8	1.5									3.0	6.2
ENE	.2	1.2	1.1	1.3	.1							4.0	8.8
E	1.0	1.6	2.4	1.8	.2							7.0	8.3
ESE	.5	2.1	3.5	2.5	.4							9.0	9.2
SE	.2	1.2	3.2	2.2	.4	.1						7.3	10.1
SSE	.6	1.5	2.2	1.2		.1						5.6	8.4
S	.2	2.3	2.5	.7	.2							6.1	7.7
SSW	.5	1.1	.2	.4		.2						2.4	7.7
SW	.2	.7	.6									1.6	6.1
WSW	.1	1.2	.5		.1							1.9	6.6
W	.7	1.0	2.5	2.2	.1	.2	.1	.1	.1			7.2	11.3
WNW	.6	1.2	3.6	2.5	1.2	.1					.1	9.5	11.0
NW	1.0	1.6	1.6	2.2	.6							7.2	9.9
NNW	.5	2.2	1.9	2.1	.4							7.0	8.8
VARBL													
CALM												7.2	
	7.9	24.1	31.9	22.5	4.5	1.1	.4	.1	.2		.1	100.0	8.6

TOTAL NUMBER OF OBSERVATIONS

825

2

DATA PROCESSING DIVISION
ETAC/USAF
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF WIND
DIRECTION AND SPEED
(FROM HOURLY OBSERVATIONS)

SURFACE WINDS

94010

GLASGOW MONTANA AFB

59-67

JUL

STATION

STATION NAME

YEARS

MONTH

ALL WEATHER

2100-2300

CLASS

HOURS (L.S.T.)

CONDITION

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	%	MEAN WIND SPEED
N	1.4	3.6	2.5	1.4								8.8	6.8
NNE	1.1	3.5	2.0	1.2	.1							8.0	7.0
NE	1.0	3.4	1.9	.9								6.7	6.1
ENE	.9	2.7	1.2	.2	.1							5.2	6.0
E	.7	4.2	3.7	2.0								10.7	7.7
ESE	.5	2.2	3.8	2.0	.4							10.9	9.0
SE	.5	2.9	4.0	1.7	.4	.1	.1					9.7	9.1
SSE	1.1	2.7	1.6	.5	.1							6.1	6.7
S	.6	1.0	1.9	.4	.1							3.6	7.2
SSW	.6	.6	.9	.2	.1							2.9	6.8
SW	.1	.4	1.0		.1							1.6	8.0
WSW	.2	.5	.1									.9	4.6
W	.5	1.5	1.6	.4		.1	.2	.1				4.9	9.3
WNW	.2	1.2	1.2	.9	.1							3.7	9.1
NW	.5	1.9	1.4	.4								4.1	6.7
NNW	.4	2.5	1.9	.5	.1							5.3	7.0
VARBL													
CALM												7.6	
	10.4	34.8	32.0	12.7	1.7	.2	.4	.1				100.0	7.0

TOTAL NUMBER OF OBSERVATIONS

804

2

DATA PROCESSING DIVISION
ETAC/USAF
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF WIND
DIRECTION AND SPEED
(FROM HOURLY OBSERVATIONS)

SURFACE WINDS

94010
STATIONGLASGOW MONTANA AFB
STATION NAME59-67
YEARSAUG
MONTHALL WEATHER
CLASS0000-0200
MOSES (L.S.T.)

CONDITION

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	%	MEAN WIND SPEED
N	.8	2.6	3.2	1.0	.5		.1	.1				8.4	8.5
NNE	1.0	2.9	2.9	.8								7.5	6.9
NE	1.6	2.9	1.7	.2								6.3	5.5
ENE	1.0	2.4	1.1	.6								5.6	6.0
E	.5	3.3	2.6	.8	.2							7.5	7.3
ESE	.4	1.9	4.5	1.6								8.4	8.2
SE	.2	2.0	3.5	2.6	.1							8.5	9.1
SSE	.2	1.2	.8	.5	.1							2.9	7.7
S	.8	1.1	.5	.1								2.5	5.2
SSW	.7	1.9	.8	.4								3.8	6.4
SW	.4	.7	.7	.1								1.9	6.5
WSW	.1	1.8	.7	.2								2.9	6.5
W	1.2	2.0	1.4	1.3	.2							6.2	7.7
WNW	.5	1.1	1.1	.8	.1							3.6	8.1
NW		1.2	1.8	1.0	.1		.1					4.2	9.5
NNW	.4	2.4	1.0	1.0	.1							4.8	7.4
VARBL													
CALM												15.7	
	9.7	31.4	28.3	13.0	1.6		.2	.1				100.0	6.3

TOTAL NUMBER OF OBSERVATIONS

837

2

DATA PROCESSING DIVISION
ETAC/USAF
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF WIND
DIRECTION AND SPEED
(FROM HOURLY OBSERVATIONS)

SURFACE WINDS

94010
STATION

GLASGOW MONTANA AFB
STATION NAME

59-67
YEARS

AUG
MONTH

ALL WEATHER
CLASS

0300-0500
HOURS (L.S.T.)

CONDITION

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	%	MEAN WIND SPEED
N	.7	1.8	2.3	1.6	.6	.4		.1				7.4	10.3
NNE	1.4	3.2	.7	.7	.2							6.3	6.3
NE	1.7	5.1	1.4	1.1	.1							9.4	6.1
ENE	.6	2.6	1.3	.5								5.0	6.4
E	1.2	4.1	3.3	.5								9.1	6.2
ESE	.2	2.0	3.0	1.2	.2							6.7	8.3
SE	.2	1.4	1.8	1.8								5.3	9.0
SSE	.7	2.0	.8	.1								3.7	5.3
S	.3	1.3	.5									2.3	4.6
SSW	1.1	.8	.8									2.7	4.8
SW	.6	1.3	.5	.1								2.5	5.2
WSW	.8	2.3	1.2	.1	.1							4.8	5.8
W	.7	1.7	2.5	1.0								5.9	7.4
WNW	1.0	2.3	1.8	1.1	.4							6.5	7.9
NW	.2	1.2	2.0	.8	.1							4.4	8.3
NNW	.2	1.3	1.3	.7	.5	.1						4.2	4.3
VARBL													
CALM												13.9	
	11.9	34.8	25.3	11.2	2.3	.5		.1				100.0	6.2

TOTAL NUMBER OF OBSERVATIONS

837

2

DATA PROCESSING DIVISION
ETAC/USAF
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF WIND
DIRECTION AND SPEED
(FROM HOURLY OBSERVATIONS)

SURFACE WINDS

94010
STATIONGLASGOW MONTANA AFB
STATION NAME59-67
YEARSAUG
MONTHALL WEATHER
CLASS0600-0800
HOURS (L.S.T.)

CONDITION

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	%	MEAN WIND SPEED
N	.1	.5	2.0	1.8	.5	.2						5.1	11.4
NNE	1.0	1.4	1.1	1.0	.1							4.5	7.2
NE	1.2	1.4	1.6	.6								4.8	6.6
ENE	.7	1.9	2.7	.6								6.0	7.1
E	.5	3.2	4.3	1.1	.2							9.3	7.9
ESE	1.0	1.9	3.3	1.4	.1							7.8	8.0
SE	.6	1.3	3.3	2.2		.1						7.5	8.7
SSE	1.3	1.0	1.9	.7	.1							5.0	7.2
S	.6	1.6	1.3	.1								3.6	6.1
SSW	.1	.8	.5	.2								1.7	6.1
SW	.2	1.1	1.0									2.3	6.1
WSW	.2	1.3	1.2	.7	.4							3.8	8.6
W	.6	1.9	4.7	2.2	.2	.1						9.7	8.7
WNW	.6	1.8	3.1	2.2	.4	.2						8.2	9.2
NW	.4	1.4	1.4	1.6	.6	.2						5.6	10.1
NNW	.7	1.3	1.0	1.3	.3	.1						4.9	9.2
VARBL													
CALM												10.2	
	9.8	23.9	34.4	17.6	3.1	1.1						100.0	7.4

TOTAL NUMBER OF OBSERVATIONS

837

2

DATA PROCESSING DIVISION
ETAC/USAF
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF WIND
DIRECTION AND SPEED
(FROM HOURLY OBSERVATIONS)

SURFACE WINDS

94010
STATION

GLASGOW MONTANA AFB
STATION NAME

59-67
YEARS

AUG
MONTH

ALL WEATHER
CLASS

0900-1100
HOURS (L.S.T.)

CONDITION

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	%	MEAN WIND SPEED
N	.2	.7	1.7	1.3	.4	.6						4.7	11.2
NNE	.2	1.3	.7	.2								2.5	6.7
NE	.2	.7	1.2	.8	.2							3.2	9.2
ENE	.2	.5	1.2	.4	.2	.1						2.6	9.8
E	.2	1.2	2.3	1.6	.1							5.4	9.1
ESE	.2	.8	2.2	3.5	.2							6.9	10.8
SE	.5	1.1	1.9	4.2	.1							7.8	10.4
SSE	.1	1.2	2.2	2.0	.4							5.9	10.0
S	.4	1.3	3.5	2.4	.4							7.9	9.5
SSW	.6	.7	1.9	1.0		.1						4.3	8.3
SW	.1	1.4	1.1	.7								3.3	7.6
WSW	.6	1.4	3.0	1.3	.1							6.5	8.9
W	.4	2.4	2.5	4.5	1.3	.4						11.5	11.4
WNW	.5	1.8	3.2	3.0	1.2	.6						10.3	11.1
NW	.1	1.4	2.7	3.0	.5							7.8	10.3
NNW	.2	1.1	1.8	1.8	.4	.1						5.4	10.2
VARBL													
CALM												4.2	
	4.9	19.1	33.0	31.7	5.5	1.7						100.0	9.6

TOTAL NUMBER OF OBSERVATIONS

837

2

DATA PROCESSING DIVISION
ETAC/USAF
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF WIND
DIRECTION AND SPEED
(FROM HOURLY OBSERVATIONS)

SURFACE WINDS

94010
STATIONGLASGOW MONTANA AFB
STATION NAME59-67
YEARSAUG
MONTHALL WEATHER
CLASS1200-1400
HOURS (L.S.T.)

CONDITION

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	%	MEAN WIND SPEED
N	.6	1.4	2.2	1.9	.7							6.8	9.9
NNE	.1	.8	1.6	.4	.1							3.0	8.6
NE		.2	1.8	.2	.1	.1						2.5	10.0
ENE	.5	.5	.8	.2								2.0	6.8
E	.2	1.0	1.4	.8								3.5	7.2
ESE	.2	1.7	1.7	2.4	.7	.4						7.0	11.2
SE	.1	.7	2.9	3.2	.4							7.3	10.5
SSE		.4	2.4	1.6	.4							4.7	11.1
S	.2	1.6	2.3	2.2	.4							6.6	9.6
SSW	.4	.8	1.3	.7	.1							3.3	8.6
SW		1.3	1.4	1.3	.4							4.4	9.7
WSW		1.7	2.6	1.9	.7							6.9	10.1
W		1.3	4.2	5.1	1.7	.6						12.9	12.5
WNW	.6	1.9	3.3	3.1	1.9	1.0						11.8	12.1
NW	.2	1.2	2.7	2.5	1.2	.4						8.2	11.7
NNW	.4	1.3	1.4	1.9	.1							5.1	9.3
VARBL													
CALM												3.8	
	3.0	17.8	34.1	29.5	8.5	2.4						100.0	10.2

TOTAL NUMBER OF OBSERVATIONS

837

2

DATA PROCESSING DIVISION
ETAC/USAF
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF WIND
DIRECTION AND SPEED
(FROM HOURLY OBSERVATIONS)

SURFACE WINDS

94010
STATION

GLASGOW MONTANA AFB
STATION NAME

59-67
YEARS

AUG
MONTH

ALL WEATHER
CLASS

1500-1700
HOURS (L.S.T.)

CONDITION

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	%	MEAN WIND SPEED
N	.1	1.3	2.6	1.3	.2							5.6	9.1
NNE	.1	1.7	1.4	.5								3.7	7.5
NE		.6	.8	.5								1.9	8.6
ENE	.5	.5	1.0	.3								2.4	8.1
E	.2	.1	1.8	.6	.2							3.0	9.8
ESE	.1	1.4	1.8	1.4	.2							5.0	9.8
SE	.1	2.2	2.3	3.0	.8							8.4	10.3
SSE		.7	2.2	1.9	.1							4.9	10.1
S	.6	.8	1.9	1.1								4.4	8.1
SSW	.4	.8	1.2	.6								3.0	8.2
SW	.1	1.7	2.2	1.3	.1							5.4	8.9
WSW		1.6	1.7	2.2	1.0	.1						6.5	11.4
W	.2	1.9	3.0	3.7	1.2	.6						12.8	11.4
WNW	.6	1.2	1.8	6.2	1.9	.7	.1					12.5	13.1
NW	.4	2.0	1.9	2.3	.7	.7						8.0	11.3
NNW	.1	1.6	2.5	2.9	.4	.2						7.6	10.3
VARBL													
CALM												4.9	
	3.6	20.1	32.0	29.7	7.0	2.4	.1					100.0	9.9

TOTAL NUMBER OF OBSERVATIONS

837

2

DATA PROCESSING DIVISION
ETAC/USAF
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF WIND
DIRECTION AND SPEED
(FROM HOURLY OBSERVATIONS)

SURFACE WINDS

94010
STATIONGLASGOW MONTANA AFB
STATION NAME59-67
YEARSAUG
MONTHALL WEATHER
CLASS1800-2000
HOURS (L.S.T.)

CONDITION

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	%	MEAN WIND SPEED
N	.5	2.6	2.0	2.0	.1		.1					7.4	8.5
NNE	1.7	1.6	1.4	.1								4.8	5.3
NE	.4	1.3	1.1	.8	.2							3.8	8.3
ENE	.1	1.7	1.7	.7								4.2	7.7
E	.1	2.6	2.0	1.4	.2	.1						6.6	8.6
ESE	.4	3.0	3.8	1.4								8.6	8.1
SE	.6	1.0	2.9	1.8	.2							6.9	9.3
SSE	.2	.8	1.2	.9								2.7	7.3
S	.8	1.6	.4									3.1	5.3
SSW	.6	.8	.4									1.8	4.7
SW	.5	.7	1.0	.1								2.3	6.1
WSW	1.2	1.6	1.2	.6	.1		.1					4.8	7.2
W	.5	1.4	3.3	2.4	.4	.1	.1					8.2	10.1
WNW	1.1	1.9	3.6	3.2	.9	.2						10.6	9.7
NW	.8	2.4	2.0	1.1	.8	.2						7.4	9.0
NNW	.6	3.0	2.5	.8	.5	.4	.2					8.0	9.2
VARBL													
CALM												9.2	
	10.0	28.0	30.5	17.6	3.1	1.1	.6					100.0	7.6

TOTAL NUMBER OF OBSERVATIONS 837

2

DATA PROCESSING DIVISION
ETAC/USAF
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF WIND
DIRECTION AND SPEED
(FROM HOURLY OBSERVATIONS)

SURFACE WINDS

94010
STATIONGLASGOW MONTANA AFB
STATION NAME59-67
YEARSAUG
MONTHALL WEATHER
CLASS2100-2300
HOURS (L.S.T.)

CONDITION

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	%	MEAN WIND SPEED
N	.4	3.3	3.2	.6	.2	.1						7.9	7.7
NNE	1.4	3.3	1.6	.4								6.7	5.3
NE	1.6	3.1	1.3	1.0								6.9	6.4
ENE	.2	3.5	2.2	.6	.1							6.6	7.1
E	.5	2.9	2.9	1.7								7.9	8.0
ESE	.6	2.0	4.4	3.3	.4							10.8	9.4
SE	.6	2.0	2.5	2.2								7.3	8.3
SSE	1.1	1.0	.5	.6								3.1	6.2
S	1.1	1.6	.5	.1								3.2	4.7
SSW	.1	2.7	.6	.1								3.6	5.7
SW		1.0	.2									1.2	5.8
WSW	.4	.8	1.0	.1								2.3	6.3
W	.8	2.2	1.0	.7	.1	.1						4.9	7.3
WNW	.7	1.2	1.4	1.1	.6	.1						5.3	9.6
NW	.2	1.4	1.1	.5	.4	.4						3.9	9.5
NNW	.6	2.4	2.3	1.0	.2							6.5	7.9
VARBL													
CALM												12.1	
	10.3	34.5	26.3	13.9	2.0	.7						100.0	6.6

TOTAL NUMBER OF OBSERVATIONS

817

2

DATA PROCESSING DIVISION
ETAC/USAF
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF WIND
DIRECTION AND SPEED
(FROM HOURLY OBSERVATIONS)

SURFACE WINDS

94010
STATION

GLASGOW MONTANA AFB
STATION NAME

59-67
YEARS

SEP
MONTH

ALL WEATHER
CLASS

0000-0200
HOURS (L.S.T.)

CONDITION

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	%	MEAN WIND SPEED
N	.6	1.6	1.6	2.7	.9							7.4	10.3
NNE	.7	3.0	1.1	.2	.1							5.2	6.0
NE	1.6	1.1	1.0	.4								4.1	5.5
ENE	.6	1.7	1.5	.5	.4							4.7	7.4
E	1.0	2.7	3.5	1.4	.6							9.1	8.5
ESE	.5	1.1	2.2	.6	.2							4.7	8.2
SE	.9	1.7	4.7	1.9	.2							9.4	8.7
SSE	1.2	3.3	3.0	.1								7.7	6.1
S	.4	1.7	.5	.2								2.8	6.1
SSW	.6	1.6	.6									2.8	5.3
SW		1.5	.6									2.1	5.8
WSW	.1	1.1	.9									2.1	6.2
W	.6	1.2	2.5	1.0	.4	.1		.4				6.2	10.2
WNW	.5	1.4	2.7	1.5	.1	.1						6.3	8.8
NW	.5	1.2	1.4	1.5	.5	.2						5.3	10.4
NNW		1.1	1.1	1.7	1.2	.4						5.6	12.8
VARBL													
CALM												14.6	
	9.9	27.2	28.8	13.7	4.7	.9		.4				100.0	7.1

TOTAL NUMBER OF OBSERVATIONS

810

2

DATA PROCESSING DIVISION
 FTAC/USAF
 AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF WIND
 DIRECTION AND SPEED
 (FROM HOURLY OBSERVATIONS)

SURFACE WINDS

94010
 STATION

GLASGOW MONTANA AFB
 STATION NAME

59-67
 YEARS

SEP
 MONTH

ALL WEATHER
 CLASS

0300-0500
 HOURS (L.S.T.)

CONDITION

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	%	MEAN WIND SPEED
N	1.5	2.5	1.6	2.5	.1							8.1	7.9
NNE	.5	2.6	.7	.7	.6	.1						5.3	8.5
NE	.9	1.5	.6	.5		.1						3.6	6.4
ENE	.9	.7	1.1	.5	.4							3.6	8.3
E	.9	4.2	2.7	.7	.4	.1						9.0	7.3
ESE	1.1	3.2	2.8	1.2	.2							8.6	7.3
SE	.7	2.2	2.8	1.0	.1							6.9	7.9
SSE	1.0	2.6	1.4	.2								5.2	5.7
S	.4	1.5	1.1	.1								3.1	5.8
SSW	.3	.9	.2									1.6	4.5
SW	.4	.6	.7									1.7	5.7
WSW	.1	1.2	1.1	.1								2.6	6.7
W	.2	1.4	3.2	.9	.5	.1	.1					6.4	9.7
WNW	.4	1.4	2.3	1.6	.2	.1		.1				6.2	10.0
NW	.4	1.0	2.2	1.1	.7							5.4	10.3
NNW	.4	.9	2.2	1.5	.7	.4						6.0	11.2
VARBL													
CALM												16.5	
	10.1	28.2	27.0	12.7	4.1	1.0	.1	.1				100.0	6.7

TOTAL NUMBER OF OBSERVATIONS

810

2

DATA PROCESSING DIVISION
ETAC/USAF
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF WIND
DIRECTION AND SPEED
(FROM HOURLY OBSERVATIONS)

SURFACE WINDS

94010
STATION

GLASGOW MONTANA AFB
STATION NAME

59-67
YEARS

SEP
MONTH

ALL WEATHER
CLASS

0600-0800
HOURS (L.S.T.)

CONDITION

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	%	MEAN WIND SPEED
N	.7	.9	1.5	2.2	.5							5.8	9.8
NNE	.6	.9	1.4	1.1	.4							4.3	8.9
NE	.6	1.4	.4	.7		.1						3.2	7.3
ENE	.6	1.9	1.2	.5	.1	.2						4.6	7.8
E	.9	2.3	1.9	.7	.4	.2						6.4	8.3
ESE	1.1	2.7	2.8	2.5	.4		.1					9.6	8.6
SE	.9	2.3	3.2	2.0	.2	.2						8.9	8.7
SSE	.9	2.1	1.9	.2								4.7	6.8
S	.4	2.0	1.4	.2								4.0	6.3
SSW	.2	1.2	1.0									2.5	6.2
SW	.5	1.7	1.6	.1								4.0	6.2
WSW	.2	1.5	1.2	.2	.1							3.3	7.0
W	.2	1.7	2.0	.9	.6	.5						5.9	10.3
WNW	.7	1.9	2.2	1.2	.3	.5	.1					7.2	10.1
NW	.6	1.1	1.5	1.7	.2	.4						5.6	10.3
NNW	.2	.9	1.7	2.8	1.1	.5						7.3	12.3
VARBL													
CALM												12.8	
	9.1	26.6	26.8	17.3	4.6	2.7	.2					110.0	7.7

TOTAL NUMBER OF OBSERVATIONS

810

2

DATA PROCESSING DIVISION
ETAC/USAF
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF WIND
DIRECTION AND SPEED
(FROM HOURLY OBSERVATIONS)

SURFACE WINDS

94010
STATION

GLASGOW MONTANA AFB
STATION NAME

59-67
YEARS

SEP
MONTH

0900-1100
HOURS (L.S.T.)

ALL WEATHER
CLASS

CONDITION

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	%	MEAN WIND SPEED
N	.4	.1	1.9	2.8	1.0	.6						6.8	13.2
NNE	.1	.7	1.2	.4	.1							2.6	8.7
NE	.2	.2	.7		.1		.1					1.3	9.8
ENE		.4	1.4	.5		.1						2.3	9.4
E	.5	1.2	1.4	1.9	.6	.4						5.9	11.1
ESE	.5	.6	1.6	2.3	.2	.4						5.7	11.2
SE	.4	1.0	2.3	3.0	.6	.2						7.7	10.9
SSE	.7	2.0	3.2	3.2	.4	.1						9.6	9.9
S	.2	2.2	2.7	.5								5.7	7.5
SSW	.6	1.9	3.0	.6								6.0	7.4
SW	.5	1.1	2.0	.9	.4							4.8	8.8
WSW	.6	1.9	2.3	.9	.4	.1						6.3	8.4
W		1.5	3.5	3.6	.7	.4						9.6	11.3
WNW	.6	.9	2.6	2.3	.9	1.1						8.4	12.3
NW	.4	.2	1.1	2.8	1.1							5.7	12.4
NNW		1.0	3.0	3.0	.9	1.3						8.3	13.6
VARBL													
CALM												3.1	
	5.8	16.9	33.1	28.6	7.4	4.9	.1					100.0	10.3

TOTAL NUMBER OF OBSERVATIONS

810

2

DATA PROCESSING DIVISION
ETAC/USAF
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF WIND
DIRECTION AND SPEED
(FROM HOURLY OBSERVATIONS)

SURFACE WINDS

94010

STATION

GLASGOW MONTANA AFB

STATION NAME

59-67

YEARS

SEP

MONTH

ALL WEATHER

CLASS

1200-1400

HOURS (L.S.T.)

CONDITION

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	%	MEAN WIND SPEED
N		.9	1.9	1.7	.9	.2						5.6	12.1
NNE	.1	.2	.7	.5	.1	.1						1.9	10.5
NE	.1	.6	.4	.6								1.7	9.1
ENE	.4	.1	.7	.4	.2	.1	.1					2.1	11.5
E		.5	2.1	.7	.4	.4						4.1	11.5
ESE	.1	.2	.9	1.6	.2	.6						3.7	13.4
SE	.2	.7	1.9	2.5	.2	.1						5.7	11.0
SSE	.4	.4	3.0	3.8	1.0							8.5	11.7
S		1.1	3.1	2.1	.4							6.7	10.1
SSW	.1	1.5	3.6	.7								5.9	8.2
SW	.4	1.1	1.9	.6								4.0	8.0
WSW	.1	1.5	3.2	1.4	.5							6.7	9.5
W	.5	.7	4.1	4.3	2.2	.7						12.6	12.9
WNW	.2	.5	3.5	2.6	1.2	.7	.2					9.0	12.9
NW		1.0	2.2	3.0	1.5	1.0	.4					9.0	14.2
NNW	.1	.7	2.7	3.3	.7	.9	.1					8.6	12.9
VARBL													
CALM												4.3	
	2.8	11.9	35.7	29.9	9.0	4.9	.9					100.0	11.1

TOTAL NUMBER OF OBSERVATIONS

810

2

DATA PROCESSING DIVISION
ETAC/USAF
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF WIND
DIRECTION AND SPEED
(FROM HOURLY OBSERVATIONS)

SURFACE WINDS

94010
STATION

GLASGOW MONTANA AFB
STATION NAME

59-67
YEARS

SEP
MONTH

ALL WEATHER
CLASS

1500-1700
HOURS (L.S.T.)

CONDITION

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	%	MEAN WIND SPEED
N	.2	.2	2.7	3.3	.5	.1						7.2	11.3
NNE	.4	.5	.9	.2		.1						2.1	8.2
NE	.2	.4	.4	.7								1.7	9.1
ENE		.6	.5	.4	.5							2.0	11.1
E	.1	.6	1.5	2.5	.2	.2						5.2	11.8
ESE	.1	.7	1.9	1.4	.5	.1						4.7	10.9
SE	.1	.5	1.4	2.0	.2							4.2	11.2
SSE	.4	1.2	2.3	2.0	.4	.1						6.4	10.1
S	.5	.7	4.2	3.0								8.4	9.4
SSW	.1	1.5	3.0	.2	.2							5.1	8.1
SW	.2	1.1	2.6	.6								4.6	8.3
WSW	.1	1.5	2.6	.7								4.9	7.9
W	.1	.9	4.2	3.0	1.2	1.2	.5	.1		.1		11.4	13.9
WNW	.2	1.2	3.2	2.8	1.5	.6	.1	.1				9.9	12.6
NW	.5	1.0	2.8	2.7	1.5	1.0	.2					9.8	13.3
NNW	.1	1.0	2.8	3.7	.9	.7						9.3	12.4
VARBL													
CALM												3.3	
	3.6	13.7	36.9	29.3	7.7	4.3	.9	.2		.1		100.0	10.8

TOTAL NUMBER OF OBSERVATIONS

810

2

DATA PROCESSING DIVISION
ETAC/USAF
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF WIND
DIRECTION AND SPEED
(FROM HOURLY OBSERVATIONS)

SURFACE WINDS

94010
STATION

GLASGOW MONTANA AFB
STATION NAME

59-67
YEARS

SEP
MONTH

ALL WEATHER
CLASS

1800-2000
HOURS (L.S.T.)

CONDITION

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	%	MEAN WIND SPEED
N	.9	2.5	3.0	1.1		.4						7.8	8.6
NNE	1.0	.7	1.4	.5								3.6	6.9
NE	.5	.9	.5	.4	.1							2.3	6.9
ENE	.2	1.6	.5	1.2			.2					3.8	9.6
E	.5	2.3	2.0	.6				.1				5.6	7.7
ESE	.7	2.0	1.9	1.0	.4							5.9	8.2
SE	.1	3.5	2.3	1.4								7.3	7.8
SSE	.7	3.6	3.2	.4								8.0	6.4
S	1.2	3.5	1.5	.5								6.7	5.7
SSW	.9	1.7	1.5	.2								4.3	6.0
SW	.2	1.1		.1								1.5	5.1
WSW	.9	1.5	.4		.1							2.8	5.0
W	.5	2.3	2.1	.9	1.2	.1	.4					7.5	10.8
WNW	1.1	1.9	1.2	2.1	.4	.2						6.9	9.6
NW	.9	3.0	2.2	1.5	.6	.4	.2					8.9	9.7
NNW	.6	2.0	3.6	1.6	.9							8.6	9.2
VARBL													
CALM												8.4	
	11.0	34.0	27.4	13.5	3.7	1.1	.9	.1				100.0	7.4

TOTAL NUMBER OF OBSERVATIONS

810

2

DATA PROCESSING DIVISION
ETAC/USAF
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF WIND
DIRECTION AND SPEED
(FROM HOURLY OBSERVATIONS)

SURFACE WINDS

94010
STATION

GLASGOW MONTANA AFB
STATION NAME

59-67
YEARS

SEP
MONTH

2100-2300
HOURS (L.S.T.)

ALL WEATHER
CLASS

CONDITION

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	%	MEAN WIND SPEED
N	.5	2.2	1.9	1.6	.2	.9						7.3	10.8
NNE	1.0	2.0	1.4	.4	.2							4.9	6.9
NE	.1	1.1	1.0	.7	.2							3.2	8.9
ENE	.9	1.7	.6	.2	.1							3.6	6.1
E	.7	2.8	3.1	1.2	.6	.1						8.6	8.7
ESE	.7	3.0	1.4	1.0	.2							6.3	7.4
SE	1.1	2.6	4.8	1.7	.1							10.4	7.9
SSE	.9	2.6	2.8	.5								6.8	6.8
S	.5	2.1	1.5	.2								4.3	6.1
SSW	.5	1.7	1.5	.2								4.0	6.3
SW		.9	.1	.1								1.1	6.4
WSW	.7	1.0	.4	.4	.2							2.7	7.0
W	.2	2.2	2.5	1.0	.5	.1		.1				6.7	9.4
WNW	.4	2.0	.9	.6								3.8	7.0
NW	.7	1.9	2.5	1.7	.9	.5						8.1	10.4
NNW	.5	1.4	1.6	1.2	1.0	.2						5.9	10.7
VARBL													
CALM												12.2	
	9.2	31.1	27.8	13.0	4.4	1.9		.1				100.0	7.3

TOTAL NUMBER OF OBSERVATIONS

810

2

DATA PROCESSING DIVISION
ETAC/USAF
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF WIND
DIRECTION AND SPEED
(FROM HOURLY OBSERVATIONS)

SURFACE WINDS

94010
STATION

GLASGOW MONTANA AFB
STATION NAME

59-67
YEARS

OCT
MONTH

ALL WEATHER
CLASS

0000-0200
HOURS (L.S.T.)

CONDITION

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	%	MEAN WIND SPEED
N	1.1	1.6	2.9	.7	.2	.1						6.6	8.2
NNE	.4	1.4	1.3	.6	.4							4.1	8.3
NE	.6	.8	.7	.6								2.7	7.1
ENE	.5	1.2	.6									2.3	5.5
E	.4	1.2	.4	.1	.1							2.2	6.2
ESE	1.0	2.9	1.0	.8	.4							6.0	7.2
SE	.4	1.2	1.7	1.2	.2							4.7	8.8
SSE	.8	3.7	1.6	.4								6.5	5.8
S	.6	1.6	2.3	.6								5.0	7.3
SSW	.6	1.7	1.8									4.1	5.9
SW	.6	2.2	1.2	.2								4.2	6.1
WSW	.2	3.5	2.2									5.9	5.9
W	.6	2.7	5.5	2.9	.5							12.2	8.9
WNW	.6	3.0	3.6	3.7	.6	.6						12.1	9.9
NW	1.4	1.3	1.6	1.0	.4	.1						5.7	8.1
NNW	.1	.2	1.1	.6	.5	.2						2.7	12.0
VARBL													
CALM												13.5	
	9.8	30.1	29.2	13.4	3.2	1.1						100.0	6.8

TOTAL NUMBER OF OBSERVATIONS

837

2

DATA PROCESSING DIVISION
ETAC/USAF
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF WIND
DIRECTION AND SPEED
(FROM HOURLY OBSERVATIONS)

SURFACE WINDS

94010
STATION

GLASGOW MONTANA AFB
STATION NAME

59-67
YEARS

UCT
MONTH

ALL WEATHER
CLASS

0300-0500
HOURS (L.S.T.)

CONDITION

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	%	MEAN WIND SPEED
N	.5	1.4	1.7	.5	.9	.4						4.9	9.4
NNE	.4	1.1	1.8	.7	.1							4.1	8.0
NE	.6	1.6	.4	.7								3.2	6.5
ENE	.7	.8	.7	.4								2.6	6.5
E	.7	.8	1.7	.4	.1							3.7	7.3
ESE	1.0	1.3	.5	1.3								4.1	7.9
SE	.5	1.3	1.0	1.4	.1	.2						4.5	9.4
SSE	1.0	3.0	1.8	.2								6.0	5.9
S	1.0	1.8	1.4	.2								4.4	6.4
SSW	.6	1.6	1.2									3.3	5.6
SW	.8	1.6	1.2									3.6	5.4
WSW	.4	3.3	2.2	.5								6.3	6.8
W	.4	3.5	5.6	3.1	.5							13.0	8.9
WNW	.6	2.7	5.4	3.3	.1	.4						12.5	9.3
NW	.6	1.7	2.5	1.3	.2							6.3	8.9
NNW	.2	1.4	1.1	.8	.2	.1						3.9	9.1
VARBL													
CALM												13.4	
	9.8	28.9	30.0	14.9	1.9	1.1						100.0	6.9

TOTAL NUMBER OF OBSERVATIONS

837

2

DATA PROCESSING DIVISION
ETAC/USAF
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF WIND
DIRECTION AND SPEED
(FROM HOURLY OBSERVATIONS)

SURFACE WINDS

94010
STATION

GLASGOW MONTANA AFB
STATION NAME

59-67
YEARS

UCT
MONTHS
0600-0800
HOURS (L.S.T.)

ALL WEATHER

CLASS

CONDITION

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	%	MEAN WIND SPEED
N	.4	1.7	1.0	.7	.2							3.9	7.8
NNE	1.0	1.2	.7	.7								3.6	6.4
NE	.6	1.0	.5	1.0	.1							3.1	6.2
ENE	.8	1.3	.6	.1	.3							3.3	7.3
E	.6	1.3	1.2	.1								3.2	6.2
ESE	.2	1.3	.8	.6	.2							3.2	6.6
SE	.5	1.2	1.7	1.4	.1							4.9	8.9
SSE	1.0	2.6	1.1	.4	.1							5.1	6.0
S	.6	1.8	1.0	.1								3.5	5.6
SSW	.8	2.0	.6	.1								3.6	5.2
SW	.1	1.2	1.7									3.0	7.0
WSW	.4	2.3	1.8	.8								5.3	7.0
W	.8	3.9	3.3	4.1	.1	.2						14.5	8.8
WNW	.2	2.6	7.2	3.6	.4	.1	.1					14.2	9.5
NW	.3	2.7	2.4	1.4	.4	.2	.1					7.8	9.1
NNW	.5	1.0	1.8	1.1	.1	.4		.1				4.9	10.3
VARBL													
CALM												12.9	
	9.0	29.2	29.2	16.2	2.3	1.0	.2	.1				100.0	7.1

TOTAL NUMBER OF OBSERVATIONS

837

2

DATA PROCESSING DIVISION
ETAC/USAF
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF WIND
DIRECTION AND SPEED
(FROM HOURLY OBSERVATIONS)

SURFACE WINDS

94010
STATIONGLASGOW MONTANA AFB
STATION NAME59-67
YEARS

OCT

MONTH

0900-1100
HOURS (L.S.T.)ALL WEATHER
CLASS

CONDITION

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	%	MEAN WIND SPEED
N	.1	1.0	1.4	.5	.1							3.1	8.3
NNE	.2	.4	1.2	.8								2.6	8.7
NE		.6	.4	.8		.1						1.9	10.8
ENE	.4	.5	.6	.6	.4	.1						2.5	10.8
E		.5	.7	.5								1.7	9.4
ESE	.1	.7	.6	.4	.2							2.0	9.1
SE	.6	1.7	1.6	1.9	.2							6.0	9.5
SSE	.2	1.6	1.9	2.2	.4							6.2	9.7
S	.6	2.1	2.2	1.3								7.2	7.4
SSW	.4	1.3	1.4	.6								3.7	7.1
SW	.4	1.2	2.6	.2								4.4	7.4
WSW	.4	2.7	2.8	2.0	.1							9.1	8.3
W	.7	1.6	4.7	4.7	.7	.6						12.8	11.0
WNW	.5	1.6	2.1	2.7	1.9	.6	.4					13.8	12.1
NW	.1	1.1	2.7	3.6	1.2	1.4						10.2	13.1
NNW	.2	1.1	1.0	2.7	1.0	.2	.1					6.3	12.6
VARBL													
CALM												4.5	
	4.9	20.2	31.9	28.6	6.2	2.1	.5					100.0	9.8

TOTAL NUMBER OF OBSERVATIONS

827

2

DATA PROCESSING DIVISION
ETAC/USAF
AIR WEATHER SERVICE/MAC

SURFACE WINDS

PERCENTAGE FREQUENCY OF WIND
DIRECTION AND SPEED
(FROM HOURLY OBSERVATIONS)

94010
STATIONGLASGOW MONTANA AFB
STATION NAME59-67
YEARSUCT
MONTHALL WEATHER
CLASS1200-1400
HOURS (L.S.T.)

CONDITION

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	%	MEAN WIND SPEED
N	.2	.4	.7	.8	.7	.2						3.1	12.6
NNE	.1	.2	.5	.6	.2							1.7	11.0
NE		.1	.4	.6		.1						1.2	12.7
ENE	.2	.6	.6	.8	.1							2.4	9.5
E		.2	.5		.1							.8	8.9
ESE		.1	.4	.4	.1							1.0	11.9
SE	.1	.4	1.3	1.6	.2							3.6	10.8
SSE	.1	.7	1.4	2.0	1.1							5.4	11.5
S	.2	1.3	3.2	2.5	.1							7.4	9.5
SSW	.2	1.8	3.1	.5								5.6	7.6
SW	.1	1.1	3.3	.7								5.4	8.3
WSW	.1	1.9	3.9	3.3	.3							9.9	10.1
W		1.6	3.9	4.3	1.2	.8	.2					14.0	12.0
WNW	.1	1.3	3.6	3.8	2.7	2.2	.6					14.3	14.7
NW		1.0	7.6	3.9	1.9	1.6	.6	.1				13.6	14.9
NNW	.1	1.1	1.7	3.7	1.1	.9						8.1	12.8
VARBL													
CALM												2.5	
	1.8	13.7	33.2	31.7	10.2	5.4	1.4	.1				100.0	11.6

TOTAL NUMBER OF OBSERVATIONS

837

USAFETAC

FORM
JUL 64

0-8-5 (OL-1) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

2

DATA PROCESSING DIVISION
ETAC/USAF
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF WIND
DIRECTION AND SPEED
(FROM HOURLY OBSERVATIONS)

SURFACE WINDS

94010
STATION

GLASGOW MONTANA AFB
STATION NAME

59-67
YEARS

LCT
MONTH

ALL WEATHER
CLASS

1500-1700
HOURS (L.S.T.)

CONDITION

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	%	MEAN WIND SPEED
N	.2	.7	1.0	1.6	.8	.6						4.9	12.7
NNE		.1	.4	.6	.5							1.6	13.5
NE	.1	.1	.4	.6								1.2	10.1
ENE		.2	.8	.4								1.4	9.9
E		.5	.4	.5		.4						1.7	12.3
ESE	.2	1.1	.5	.1		.1						2.0	7.5
SE	.1	1.2	2.0	.6								3.9	7.9
SSE	.4	2.3	1.4	1.9	.5							6.5	9.2
S	.2	1.9	2.0	1.9	.2							6.3	9.2
SSW	.4	1.7	3.1	.6								5.7	7.9
SW	1.4	1.4	1.7	.8								5.4	6.8
WSW	.7	1.4	2.5	1.9	.1							6.7	8.6
W	.7	1.9	5.4	5.1	1.0	.6						14.7	10.6
WNW	.4	1.8	4.3	3.7	1.2	1.3	.4	.1				13.1	12.6
NW	.1	.8	2.3	3.8	.7	1.6	.4					10.8	13.6
NNW	.6	1.3	3.0	3.9	1.4	.6	.1					11.0	11.9
VARBL													
CALM												3.1	
	2.6	18.5	32.1	28.1	6.9	5.1	.8	.1				100.0	10.3

TOTAL NUMBER OF OBSERVATIONS

837

2

DATA PROCESSING DIVISION
ETAC/USAF
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF WIND
DIRECTION AND SPEED
(FROM HOURLY OBSERVATIONS)

SURFACE WINDS

94010
STATION

GLASGOW MONTANA AFB
STATION NAME

59-67
YEARS

007
MONTHS

ALL WEATHER
CLASS

1800-2000
HOURS (L.S.T.)

CONDITION

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	%	MEAN WIND SPEED
N	.2	2.4	2.3	1.3	.8	.1						7.2	9.7
NNE	.6	2.2	1.2	.8	.4							5.1	8.0
NE	.1	1.1	.6	.8	.1							2.7	8.5
ENE	.2	.5	.8	.2								1.8	7.7
E	.4	.7	.7	.4	.2							2.4	8.8
ESE	.6	1.3	1.2	.1								3.2	6.1
SE	.6	2.9	3.0	1.0								7.4	7.2
SSE	.7	3.9	1.7	.6								6.9	6.5
S	.5	3.1	2.4	.6								6.6	6.6
SSW	.6	2.2	2.6									5.4	6.4
SW	1.1	1.6	.6									3.2	4.8
WSW	.4	3.5	1.7	.2								5.7	6.1
W	.6	2.6	4.8	1.1	.1	.1						9.3	8.1
WNW	.7	3.6	3.1	1.4	.5							9.3	7.9
NW	.8	3.5	2.3	1.8	.5							8.8	8.2
NNW	.6	2.6	1.6	.5	.5	.1	.1					6.0	8.2
VARBL													
CALM												8.8	
	6.7	37.5	30.5	10.9	3.1	.4	.1					100.0	6.8

TOTAL NUMBER OF OBSERVATIONS 837

2

DATA PROCESSING DIVISION
ETAC/USAF
AIR WEATHER SERVICE/ETAC

PERCENTAGE FREQUENCY OF WIND
DIRECTION AND SPEED
(FROM HOURLY OBSERVATIONS)

SURFACE WINDS

94010
STATION

GLASGOW MONTANA AFB
STATION NAME

59-67
YEARS

LCT
MONTH

ALL WEATHER
CLASS

2100-2300
HOURS (L.S.T.)

CONDITION

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	%	MEAN WIND SPEED
N	.2	1.2	2.0	1.4								5.1	8.8
NNE	.6	3.0	1.7	1.0	.1							6.3	7.2
NE	.5	1.3	1.7	.2	.2							3.9	7.8
ENE	.4	.8	.7									1.9	5.9
E	.8	1.8	.8	.4	.1							3.9	6.4
ESE	.2	1.7	1.3		.4	.1						3.7	7.8
SE	.2	2.7	3.0	1.1	.1							7.2	8.0
SSE	1.2	3.3	1.9	.5								6.9	6.1
S	.8	3.2	2.0	.7								6.8	6.4
SSW	.1	2.0	2.6									4.8	6.8
SW	.2	1.1	1.1	.1								2.3	6.4
WSW	.7	4.2	2.4	.4								7.6	6.2
W	.5	1.7	3.3	1.9	.1	.1						7.6	8.9
WNW	.5	1.7	4.2	1.8	.5	.1		.1				8.8	9.4
NW	.4	2.7	1.7	1.0	.1	.2						6.9	8.7
NNW	.6	.6	2.0	1.0	.4	.4						4.9	10.7
VARBL													
CALM												10.9	
	8.2	32.1	32.5	12.2	2.0	1.0		.1				100.0	6.9

TOTAL NUMBER OF OBSERVATIONS

837

2

DATA PROCESSING DIVISION
ETAC/USAF
AIR WEATHER SERVICE/MAC

SURFACE WINDS

PERCENTAGE FREQUENCY OF WIND
DIRECTION AND SPEED
(FROM HOURLY OBSERVATIONS)

94010

GLASGOW MONTANA AFB

59-67

NOV

STATION

STATION NAME

YEARS

MONTH

ALL WEATHER

0000-0200

CLASS

HOURS (L.S.T.)

CONDITION

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	%	MEAN WIND SPEED
N	.2	1.6	.7	1.5	.5			.1				4.7	10.2
NNE	.7	1.7		.4	.4							3.2	7.0
NE	1.1	1.1	.9				.2					3.3	6.6
ENE	.9	1.0	.4	.4								2.6	5.5
E	.9	3.0	.7	.6								3.2	6.0
ESE	.4	2.2	1.7	.5	.1							4.9	6.8
SE	.6	2.1	3.1	.6								6.4	7.3
SSE	.4	3.1	1.5	.4								5.3	6.5
S	.9	1.6	1.1	.7								4.3	6.5
SSW	.5	1.7	1.7	.2								4.2	6.6
SW	.5	2.3	1.9									4.7	6.3
WSW	.4	3.3	2.6	.4								6.7	6.5
W	.4	2.1	4.1	2.8	.6	.1		.2				10.4	10.0
WNW	.6	2.7	6.0	1.4	.1	.1		.1				11.1	8.6
NW	.5	2.6	2.0	1.4	.9	.5	.1					7.9	10.3
NNW	.1	1.7	1.9	1.7	1.0	.1						6.5	10.6
VARBL													
CALM												8.5	
	9.0	34.0	30.2	13.0	3.6	.9	.4	.5				100.0	7.3

TOTAL NUMBER OF OBSERVATIONS

810

2

DATA PROCESSING DIVISION
ETAC/USAF
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF WIND
DIRECTION AND SPEED
(FROM HOURLY OBSERVATIONS)

SURFACE WINDS

94010
STATION

GLASGOW MONTANA AFB
STATION NAME

59-67
YEARS

NIV
MONTH

ALL WEATHER
CLASS

0300-0500
HOURS (L.S.T.)

CONDITION

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	%	MEAN WIND SPEED
N	.1	1.0	1.7	2.7	.7	.2						6.5	11.6
NNE	.6	.5	.7	.2	.1							2.2	7.3
NE	1.1	1.2	.1	.2	.2		.4					3.3	8.4
ENE	.6	1.0	.9	.4								2.8	6.6
E	1.1	1.7	1.0	.4								4.2	5.9
ESE	.4	1.4	1.4	1.1								4.2	8.0
SE	.7	1.2	3.1	.2								5.3	7.1
SSE	1.4	2.0	2.2									5.6	5.8
S	.6	1.6	1.6	.2								4.1	6.2
SSW	1.1	1.5	2.1	.1								4.8	6.2
SW	.2	2.1	.9									3.2	5.6
WSW	.5	3.2	1.9	.2								5.8	6.1
W	.4	3.2	5.6	2.3	.1	.4						12.0	9.0
WNW	.1	3.2	4.2	1.6	.4	.2	.1	.1				10.0	9.7
NW	.9	2.0	2.0	1.2	1.0	.7	.2					8.0	11.2
NNW	.7	1.0	1.7	1.5	.6			.2				5.8	10.9
VARBL													
CALM												12.1	
	10.6	27.8	31.0	12.6	3.2	1.6	.7	.4				100.0	7.3

TOTAL NUMBER OF OBSERVATIONS

810

2

DATA PROCESSING DIVISION
ETAC/USAF
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF WIND
DIRECTION AND SPEED
(FROM HOURLY OBSERVATIONS)

SURFACE WINDS

94010
STATIONGLASGOW MONTANA AFB
STATION NAME59-67
YEARSGV
MONTHALL WEATHER
CLASS0600-0800
HOURS (L.S.T.)

CONDITION

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	%	MEAN WIND SPEED
N	.4	.9	2.2	2.0	.4	.5	.1					6.4	11.3
NNE	.4	.7	.4	.5	.1							2.1	8.0
NE	1.1	1.0	.7	.7	.4							4.0	7.7
ENE	.7	.9	.5	.4	.1							2.6	7.0
E	.6	2.6	1.2	.7								3.2	6.5
ESE	.6	1.9	1.2	1.1								4.8	7.4
SE	.6	1.1	1.9	1.0								4.6	7.7
SSE	1.1	1.1	1.5	.1								3.8	5.7
S	.9	1.6	2.0	.2								4.7	6.0
SSW	.4	1.7	2.0									4.1	6.1
SW	.4	2.6	.9	.1								4.0	5.7
WSW	.6	1.9	2.5	.4								5.3	6.9
W	.4	3.5	4.1	2.1		.1	.1					10.2	8.4
WNW	.5	4.2	4.6	1.9	.6	.1	.1					12.0	8.9
NW	.7	2.6	1.6	1.1	.9	.5						7.4	9.8
NNW	.6	1.4	1.5	1.4	.6			.2				9.7	10.6
VARBL													
CALM												13.2	
	10.0	29.5	28.6	13.7	2.1	1.2	.4	.2				100.0	7.0

TOTAL NUMBER OF OBSERVATIONS

810

2

DATA PROCESSING DIVISION
ETAC/USAF
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF WIND
DIRECTION AND SPEED
(FROM HOURLY OBSERVATIONS)

SURFACE WINDS

94010
STATION

GLASGOW MONTANA AFB
STATION NAME

59-67
YEARS

NDV
MONTH

ALL WEATHER
CLASS

0900-1100
HOURS (L.S.T.)

CONDITION

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	%	MEAN WIND SPEED
N	.1	.6	.5	1.6	.9	.1	.1					4.0	13.3
NNE	.2	1.0	.6	.2								2.1	7.1
NE	.2	1.1	1.0	.6								3.0	7.7
ENE	.1	1.2	.7	.5	.1							2.7	7.7
E	.1	1.1	.9	.4	.2							2.7	8.3
ESE	.6	1.2	2.1	.7	.1							4.8	7.9
SE	.7	1.5	1.4	2.6	.1							6.3	9.1
SSE	.6	.9	1.5	.6								3.6	7.5
S	.4	2.2	2.7	.6								5.9	7.3
SSW	.4	2.2	3.2	1.0								6.8	7.4
SW	.5	2.3	2.0	.7								5.6	7.2
WSW	.9	2.1	3.1	.7								6.8	6.9
W	.7	2.2	4.3	3.3	.2	.1						11.0	9.1
WNW	.9	1.9	6.3	3.0	1.5	.2	.2	.1				14.1	10.8
NW	.2	.6	1.9	3.3	1.9	.6	.2					8.9	13.9
NNW		1.1	1.9	1.1	1.9							5.9	12.1
VARBL													
CALM												5.9	
	6.8	23.3	34.0	21.2	6.9	1.1	.6	.1				100.0	8.8

TOTAL NUMBER OF OBSERVATIONS 810

2

DATA PROCESSING DIVISION
ETAC/USAF
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF WIND
DIRECTION AND SPEED
(FROM HOURLY OBSERVATIONS)

SURFACE WINDS

94010
STATION

GLASGOW MONTANA AFB
STATION NAME

59-67
YEARS

NDV
MONTH

ALL WEATHER
CLASS

1200-1400
HOURS (L.S.T.)

CONDITION

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	%	MEAN WIND SPEED
N		.4	.6	1.4	.5	.4						3.7	13.6
NNE	.2	.6	.5	.2								1.6	7.1
NE		.5	.4	.7								1.6	9.6
ENE		.7	.9	.5								2.1	8.0
E	.1	.4	1.0	.9								2.3	9.3
ESE	.1	.9	1.1	.6	.2							3.0	9.6
SE	.2	.9	1.9	1.9								4.8	9.3
SSE	.4	1.5	2.7	1.4	.1							6.0	8.4
S	.6	1.9	3.5	1.5								7.4	8.0
SSW	.1	2.0	2.2	.6								4.9	7.6
SW	.6	1.4	2.8	1.0								5.8	7.7
WSW	.2	2.2	4.3	2.1	.4							9.3	9.0
W	.2	1.6	5.1	4.8	1.4	.1						13.2	10.9
WNW	.1	1.6	3.7	5.1	1.7	.4						12.6	12.2
NW		1.2	1.5	4.8	2.1	1.6	.1					11.4	14.6
NNW	.1	.2	1.1	2.8	2.2	.9						7.4	13.1
VARBL													
CALM												3.3	
	2.2	17.9	33.2	30.2	8.6	3.3	.1					100.0	10.3

TOTAL NUMBER OF OBSERVATIONS

810

2

DATA PROCESSING DIVISION
ETAC/USAF
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF WIND
DIRECTION AND SPEED
(FROM HOURLY OBSERVATIONS)

SURFACE WINDS

94010
STATION

GLASGOW MONTANA AFB
STATION NAME

59-67
YEARS

NOV
MONTH

ALL WEATHER
CLASS

1500-1700
HOURS (L.S.T.)

CONDITION

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	%	MEAN WIND SPEED
N	.2	1.4	1.2	1.1	.7		.1	.1				4.9	11.1
NNE		.7	.5	.4	.1							1.7	8.5
NE		.5	.4	.4								1.2	8.7
ENE		.9	1.0	.1								2.0	7.6
E		1.9	1.2	.5	.5							4.1	8.7
ESE	.2	1.2	1.7	.7	.1							4.1	8.2
SE	1.0	2.5	2.5	1.1								7.0	7.1
SSE	.6	3.6	2.0	.9								6.7	6.4
S	.7	1.6	3.0	.6								5.9	7.1
SSW	.4	1.2	1.6	.1								3.3	6.6
SW	.6	2.8	1.6	.2								5.3	6.2
WSW	.6	1.4	2.7	1.1	.4							6.2	8.7
W	.2	2.5	5.3	4.6	.7							13.3	9.9
WNW		2.3	3.7	2.7	1.4	.2						10.4	11.0
NW	.1	2.0	.9	5.2	2.3	.9						11.4	13.7
NNW		1.1	2.1	2.0	1.2	.5						6.9	12.4
VARBL													
CALM												5.6	
	4.8	27.5	31.4	21.4	7.5	1.6	.1	.1				100.0	8.9

TOTAL NUMBER OF OBSERVATIONS

810

2

DATA PROCESSING DIVISION
 FTAC/USAF
 AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF WIND
 DIRECTION AND SPEED
 (FROM HOURLY OBSERVATIONS)

SURFACE WINDS

94010
 STATION

GLASGOW MONTANA AFB
 STATION NAME

59-67
 YEARS

NOV
 MONTH

ALL WEATHER
 CLASS

1800-2000
 HOURS (L.S.T.)

CONDITION

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	%	MEAN WIND SPEED
N	.7	1.2	1.4	1.6	.4		.1					5.4	9.3
NNE	.4	1.9	.7	.2	.2							3.5	7.1
NE	.2	.6	.2	.6								1.7	8.1
ENE	.4	1.1	1.2	.4	.4							3.5	8.2
E	1.2	2.0	.6		.4							4.2	5.7
ESE	.4	2.0	2.2	.6								5.2	7.0
SE	.7	2.3	2.7	1.2								7.0	7.8
SSE	.7	4.1	2.0									6.8	5.5
S	1.1	1.9	1.5	.5								4.9	6.3
SSW	.5	2.5	2.0	.4								5.3	6.7
SW	.2	2.3	1.1	.2								4.0	5.9
WSW	.5	3.1	2.2	.2	.1	.1						6.3	6.7
W	.7	3.5	4.8	1.5								10.5	7.8
WNW	.2	2.6	2.2	2.1	1.0	.4						8.5	10.3
NW	.2	2.2	2.3	2.3	1.2	.1						9.8	10.8
NNW	.2	1.2	1.2	1.9	.4	.4						5.3	11.0
VARBL													
CALM												8.1	
	8.6	34.6	29.5	14.0	4.1	1.0	.1					100.0	7.4

TOTAL NUMBER OF OBSERVATIONS 810

2

DATA PROCESSING DIVISION
ETAC/USAF
AIR WEATHER SERVICE/HAC

PERCENTAGE FREQUENCY OF WIND
DIRECTION AND SPEED
(FROM HOURLY OBSERVATIONS)

SURFACE WINDS

94010
STATION

GLASGOW MONTANA AFB
STATION NAME

59-67
YEARS

NOV
MONTH

2100-2300
HOURS (L.S.T.)

ALL WEATHER
CLASS

CONDITION

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	%	MEAN WIND SPEED
N	.7	2.2	1.2	.7	.2	.1						5.3	7.7
NNE	.7	1.6	.9	.2	.2							3.7	6.9
NE	.2	.7	.6	.1			.2					2.0	9.3
ENE	.2	1.1	.7	.6		.1						2.8	8.3
E	.7	2.8	.5	.5								4.6	6.1
ESE	1.0	1.5	2.8	.7								6.0	7.0
SE	.4	1.1	2.3	1.2								5.1	8.6
SSE	.6	3.1	2.5	.4								6.5	6.5
S	.9	1.5	2.8	.4								5.6	7.1
SSW	.4	2.1	2.8	.2	.1							5.7	7.2
SW	.4	3.2	1.2									4.8	5.6
WSW	.9	3.0	1.4	.4								5.6	6.2
W	1.4	3.1	3.8	1.6	.1	.1	.1	.1				10.4	8.2
WNW	.9	3.0	3.3	2.3	1.4							10.9	9.3
NW	.4	3.1	3.2	1.5	.7							8.9	8.8
NNW	.5	.9	1.2	1.9	.4	.7						5.6	11.7
VARBL													
CALM												6.7	
	10.2	34.0	31.5	12.8	3.2	1.1	.4	.1				100.0	7.4

TOTAL NUMBER OF OBSERVATIONS

810

2

DATA PROCESSING DIVISION
ETAC/USAF
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF WIND
DIRECTION AND SPEED
(FROM HOURLY OBSERVATIONS)

SURFACE WINDS

94010
STATION

GLASGOW MONTANA AFB
STATION NAME

59-67
YEARS

DEC
MONTH

ALL WEATHER
CLASS

0000-0200
HOURS (L.S.T.)

CONDITION

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	%	MEAN WIND SPEED
N	.4	.6	.2	.2	.1	.1	.1					1.8	10.3
NNE	.5	1.1	.4									1.9	4.9
NE	.7	1.7	.7									3.1	4.8
ENE	1.0	1.3	1.1	.4								3.7	5.8
E	.8	1.6	2.2	2.0								6.8	8.3
ESE	.2	1.2	1.2	1.3	.4							4.3	9.7
SE	.2	1.8	1.7	1.1	.2							5.0	8.7
SSE	.7	1.4	1.2	.1								3.3	6.3
S	.6	.7	.4	.1	.1							1.9	6.4
SSW	.3	1.9	1.2	.6								4.3	6.3
SW	.4	2.2	1.2	.1								3.9	6.1
WSW	.4	2.2	3.3	.3								6.3	7.0
W	.8	2.3	6.3	2.3								12.2	8.3
WNW	.7	2.2	4.8	3.7	.7	.1						12.3	9.8
NW	.2	2.2	3.7	3.1	1.2	.3	.4					11.4	11.7
NNW	.7	1.4	1.2	1.7	.7	.1	.3					6.3	11.7
VARBL													
CALM												11.4	
	8.8	26.2	30.8	17.4	3.0	.8	1.0					100.0	7.7

TOTAL NUMBER OF OBSERVATIONS

837

2

DATA PROCESSING DIVISION
ETAC/USAF
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF WIND
DIRECTION AND SPEED
(FROM HOURLY OBSERVATIONS)

SURFACE WINDS

94010
STATION

GLASGOW MONTANA AFB
STATION NAME

59-67
YEARS

DEC
MONTH

ALL WEATHER
CLASS

0700-0500
HOURS (L.S.T.)

CONDITION

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	%	MEAN WIND SPEED
N	.4	.7	.7	.2								2.0	6.6
NNE	.7	1.6	.7	.5								3.5	6.1
NE	1.2	2.3	.4	.4								4.2	5.2
ENE	.4	1.9	.5	.2	.1							3.1	6.3
E	1.1	1.6	1.7	1.3	.4							6.0	8.2
ESE	.2	1.4	1.8	1.6								5.0	9.1
SE	.4	1.4	1.7	.6	.2							4.3	8.1
SSE	.6	.8	1.4	.4								3.0	7.2
S	.4	1.6	.5	.1								2.5	5.4
SSW	.4	1.6	.7	.3	.1							3.2	7.0
SW	.6	1.2	1.2	.1								3.1	6.2
WSW	.4	2.7	2.5	1.2								6.8	7.5
W	.4	2.7	6.1	3.0	.2	.2						13.5	9.5
WNW	.6	2.6	6.6	3.0	.6	.1						13.5	9.4
NW	.1	1.3	4.7	2.3	1.2	1.0	.2					10.8	12.2
NNW	.4	.8	1.4	1.4	.4	.5	.1					5.0	11.4
VARBL													
CALM												10.5	
	7.8	26.3	22.5	17.6	3.2	1.8	.4					100.0	7.8

TOTAL NUMBER OF OBSERVATIONS

837

2

DATA PROCESSING DIVISION
ETAC/USAF
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF WIND
DIRECTION AND SPEED
(FROM HOURLY OBSERVATIONS)

SURFACE WINDS

94010
STATIONGLASGOW MONTANA AFB
STATION NAME59-67
YEARSDEC
MONTH0600-0800
HOURS (L.S.T.)ALL WEATHER
CLASS

CONDITION

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	%	MEAN WIND SPEED
N	.1	.5	.6	.1	.2							1.6	9.3
NNE	.5	1.2	.6	1.1								3.3	8.0
NE	1.2	1.9	.1		.1							3.3	4.7
ENE	1.1	1.1	1.2	.1	.1							3.6	6.2
E	1.2	3.3	1.2	2.0	.1							7.9	7.5
ESE	.6	.7	1.7	1.1	.1							4.2	8.8
SE	.1	1.3	1.6	.8	.2							4.1	8.9
SSE	.4	.7	1.0	.4								2.4	7.0
S	.4	.7	.7	.5								2.3	7.2
SSW	.4	.8	.3	.2								1.9	6.4
SW	.6	1.9	.6	.4								3.5	5.7
WSW	.8	3.0	2.4	.6								6.8	6.7
W	.2	2.2	4.1	3.7	.4	.4						10.9	10.0
WNW	.1	1.7	8.7	4.1	1.2	.1						15.9	10.3
NW	.2	1.7	2.9	2.9	.7	.8	.1					9.3	12.2
NNW	.5	1.6	1.8	1.1	.5	.5						5.9	10.3
VARBL													
CALM												13.3	
	8.4	24.3	29.5	19.0	3.7	1.8	.1					100.0	7.7

TOTAL NUMBER OF OBSERVATIONS

837

2

DATA PROCESSING DIVISION
ETAC/USAF
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF WIND
DIRECTION AND SPEED
(FROM HOURLY OBSERVATIONS)

SURFACE WINDS

94010
STATION

GLASGOW MONTANA AFB
STATION NAME

59-67
YEARS

UEC
MONTH

ALL WEATHER
CLASS

0900-1100
HOURS (L.S.T.)

CONDITION

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	%	MEAN WIND SPEED
N	.1	.5	.7	1.9	.1	.2						3.6	12.4
NNE	.4	.4	.2	.1	.1							1.2	7.8
NE	.8	.7	.1	.2								1.9	5.3
ENE	.4	.4	1.0									1.7	6.6
E	.7	3.3	2.2	1.7	.1							8.0	7.7
ESE	.7	1.3	2.5	2.4								6.9	9.0
SE	.4	1.3	1.6	1.0								4.2	7.9
SSE	.1	1.1	1.7	.7	.2							3.8	9.0
S	.5	1.3	1.0	.1	.1							3.0	6.4
SSW	.5	1.4	1.6	.5								3.9	6.8
SW	.7	1.6	1.4	.2								3.9	6.2
WSW	.4	3.1	1.4	.5								5.4	6.7
W	.5	2.0	5.5	3.8	.8	.1						12.8	10.1
WNW	.2	1.6	5.4	4.8	1.3	.4						13.6	11.0
NW	.4	1.8	1.4	4.3	1.3	1.7						10.9	13.6
NNW		.6	1.1	1.7	1.0	.8	.1					5.5	14.8
VARBL												9.9	
CALM													
	6.7	22.3	28.7	22.9	5.1	3.2	.1					100.0	8.8

TOTAL NUMBER OF OBSERVATIONS 837

2

DATA PROCESSING DIVISION
ETAC/USAF
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF WIND
DIRECTION AND SPEED
(FROM HOURLY OBSERVATIONS)

SURFACE WINDS

94010
STATION

GLASGOW MONTANA AFB
STATION NAME

59-67
YEARS

DEC
MONTH

ALL WEATHER
CLARE

1200-1400
HOURS (L.S.T.)

CONDITION

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	%	MEAN WIND SPEED
N		.1	1.1	1.3	.1	.2						2.9	13.3
NNE		.2	.2	.2								.7	8.3
NE	.4	.8	.7		.1							2.0	6.9
ENE	.1	.8	.4	.1								1.4	6.2
E	.2	1.0	1.8	1.6		.4						4.9	10.2
ESE	.4	1.6	3.3	1.9								7.3	9.0
SE	.6	2.0	1.9	1.1								5.6	7.6
SSE	.6	1.1	1.8	1.2	.5							5.1	8.9
S	.6	1.2	2.3	.2								4.3	6.7
SSW	.5	1.7	2.3	.2								4.7	6.8
SW	.6	1.4	1.9	.2	.1							4.3	7.0
WSW	.9	2.2	2.6	.7								6.0	7.2
W	.5	2.3	4.4	4.9	1.3	.1	.1					13.6	10.9
WNW	.7	1.1	3.3	3.3	1.0	1.3	.2					11.2	12.4
NW	.2	1.2	2.0	3.4	2.0	1.7	.1					12.7	14.1
NNW	.2	.3	1.4	3.3	1.3	.6						7.5	13.6
VARBL													
CALM												5.3	
	6.1	19.1	32.0	29.0	6.5	4.3	.3					100.0	9.7

TOTAL NUMBER OF OBSERVATIONS

837

2

DATA PROCESSING DIVISION
ETAC/USAF
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF WIND
DIRECTION AND SPEED
(FROM HOURLY OBSERVATIONS)

SURFACE WINDS

94010
STATION

GLASGOW MONTANA AFB
STATION NAME

59-67
YEARS

DEC
MONTH

ALL WEATHER
CLASS

1500-1700
HOURS (L.S.T.)

CONDITION

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	%	MEAN WIND SPEED
N		1.0	.6	1.4								3.0	9.5
NNE	.2	.7	.2	.4		.1						1.7	7.9
NE	.1	.5	.6	.1		.2	.1					1.7	11.1
ENE	.2	.6	.6	.2								1.7	7.0
E	.2	1.4	2.0	1.4								5.1	8.5
ESE	.4	2.5	3.3	2.0	.1							8.4	8.6
SE	.6	1.9	2.3	1.0								5.7	7.0
SSE	.4	1.6	1.1	.4								3.3	6.5
S	.6	2.7	2.0	.1								5.5	6.1
SSW	.6	1.7	1.6									3.8	5.9
SW	.5	1.8	1.3	.1								3.7	6.1
WSW	.4	1.9	2.2	.7								5.1	7.5
W	.6	2.6	3.2	3.7	.2			.1				10.6	9.4
WNW	.5	1.2	4.7	3.8	1.4	.8						12.4	11.9
NW	.6	2.2	3.3	3.2	1.3	1.2	.1					11.9	12.0
NNW	.6	1.3	2.0	2.9	.6	.2	.1					7.8	11.0
VARBL													
CALM												8.5	
	6.5	25.6	31.2	21.5	3.7	2.6	.4	.1				100.0	8.4

TOTAL NUMBER OF OBSERVATIONS

837

USAFETAC

FORM
AR 64

0-8-5 (OL-1) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

2

DATA PROCESSING DIVISION
ETAC/USAF
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF WIND
DIRECTION AND SPEED
(FROM HOURLY OBSERVATIONS)

SURFACE WINDS

94010
STATION

GLASGOW MONTANA AFB
STATION NAME

59-67
YEARS

DEC
MONTH

ALL WEATHER
CLASS

1800-2000
HOURS (L.S.T.)

CONDITION

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	%	MEAN WIND SPEED
N	.7	.5	1.0	1.2		.1						3.3	9.2
NNE	.6	1.2	.8	.4		.2						3.7	7.9
NE	.5	.8	.5			.1						1.9	6.5
ENE	.8	1.1	.4	.1								2.4	5.2
E	.6	2.0	1.8	1.1	.1							5.6	7.8
ESE	.1	1.8	2.3	1.8	1.1							7.0	10.3
SE	.2	2.9	2.3	1.0								6.3	7.3
SSE	1.1	2.2	1.2	.2								4.7	5.9
S	.8	1.0	.8	.1								2.7	6.1
SSW	.1	2.0	2.3	.2								4.7	7.2
SW	.2	3.2	.8	.1								4.4	5.7
WSW	1.0	1.9	2.3	.7								6.1	7.2
W	.7	2.0	2.3	1.6	.1							6.9	8.4
WNW	.6	1.9	3.3	4.2	1.1	.1						11.2	10.6
NW	.2	2.0	3.8	4.1	1.1	1.2	.1	.2				12.8	12.3
NNW	.6	1.3	1.3	1.4	1.9	.2						6.8	11.7
VARBL													
CALM												9.7	
	9.0	27.8	27.6	18.2	5.4	2.0	.1	.2				100.0	8.1

TOTAL NUMBER OF OBSERVATIONS 837

2

DATA PROCESSING DIVISION
ETAC/USAF
AIR WEATHER SERVICE/MAC

SURFACE WINDS

PERCENTAGE FREQUENCY OF WIND
DIRECTION AND SPEED
(FROM HOURLY OBSERVATIONS)

94010
STATION

GLASGOW MONTANA AFB
STATION NAME

59-67
YEARS

DEC
MONTH

ALL WEATHER
CLASS

2100-2300
HOURS (L.S.T.)

CONDITION

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	%	MEAN WIND SPEED
N	.6	.5	.5	.5		.2	.4					2.6	11.5
NNE	.6	1.0	.5	.2		.4						2.6	8.7
NE	.6	1.6	1.0	.2								3.3	6.0
ENE	.6	1.1	.7	.1								2.5	5.5
E	.5	2.2	2.4	.5	.1							5.6	7.3
ESE		1.4	2.0	2.7	.1							6.3	10.0
SE	.2	2.5	1.4	.7	.1							5.0	7.2
SSE	1.0	1.9	1.2	.2								4.3	5.6
S	.5	1.7	.8	.2								3.2	6.0
SSW	.2	1.4	1.1	.4								3.1	6.8
SW	.2	2.6	1.0	.2								4.1	6.1
WSW	.5	2.7	2.6									5.9	6.3
W	.6	2.0	4.2	3.0	.2							10.0	9.2
WNW	.5	1.8	3.9	3.6	.7							12.4	9.8
NW	.2	1.3	3.2	3.3	1.0	.4	.6					10.0	12.4
NNW	.1	.7	1.8	1.8	1.3	.4	.1	.1				6.3	13.3
VARBL													
CALM												12.5	
	6.9	26.4	30.2	17.8	3.6	1.2	1.1	.1				100.0	7.8

TOTAL NUMBER OF OBSERVATIONS

837

2

DATA PROCESSING DIVISION
 ETAC/USAF
 AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF WIND
 DIRECTION AND SPEED
 (FROM HOURLY OBSERVATIONS)

SURFACE WINDS

94010
 STATION

GLASGOW MONTANA AFB
 STATION NAME

59-68
 YEARS

ALL
 MONTH

INSTRUMENT

CLASS

CIG 200 TO 1400 FT W/ VSBY 1/2 MI OR MORE,

CONDITION

AND/OR VSBY 1/2 TO 2-1/2 MI W/CIG 200 FT OR MORE

ALL
 HOURS (L.S.T.)

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	%	MEAN WIND SPEED
N	.2	.8	1.9	4.4	1.9	1.0	.1	.1				10.4	14.3
NNE	.3	.9	1.7	2.1	.9	.3	.0					6.3	11.7
NE	.4	1.2	1.6	2.1	.4	.3	.1					6.2	11.2
ENE	.3	.9	2.7	2.4	.8	.3	.1					7.6	11.8
E	.3	1.9	3.4	4.3	1.8	.7	.1					12.8	12.2
ESE	.3	1.6	3.3	3.7	1.1	.3						10.3	11.3
SE	.2	1.1	2.3	2.4	.3	.1						6.7	10.7
SSE	.1	.7	1.3	.7	.2							2.9	9.3
S	.2	.6	.7	.1								1.7	6.6
SSW	.2	.4	.3	.1								1.2	6.3
SW	.2	.5	.3	.1	.0							1.3	6.8
WSW	.1	.3	.7	.3	.1	.0						1.6	8.3
W	.2	.8	1.0	1.1	.4	.2	.0	.0		.0		3.6	11.3
WNW	.2	.7	1.2	1.3	.9	.4	.1		.0			5.0	12.8
NW	.1	.7	1.6	2.0	1.9	1.3	.2	.0				8.0	13.6
NNW	.1	.8	2.4	3.3	2.3	1.2	.2	.1				10.3	14.7
VARB													
CALM												3.8	
	3.1	14.2	27.0	30.9	13.1	6.7	.9	.2	.0	.0		100.0	11.8

TOTAL NUMBER OF OBSERVATIONS

3899

DATA PROCESSING DIVISION
ETAC/USAF
AIR WEATHER SERVICE (MAC)
ASHEVILLE, NORTH CAROLINA

PART D

CEILING VERSUS VISIBILITY

This summary is a bivariate percentage frequency distribution by classes of ceiling from zero to equal to or greater than 20,000 feet and as a separate class "no ceiling", versus visibility in 16 classes from zero to equal to or greater than 10 miles. Data are derived from hourly observations, and three sets of tables are presented as follows:

1. Annual - all years and all hours combined
2. By month - all years and all hours combined
3. By month - by standard 3-hour groups

Due to the cumulative nature of this presentation, it is possible to determine the percentage frequency of occurrence for any given limit of ceiling or visibility separately, or in combination of ceiling and visibility. The totals progress to the right and downward. Ceiling may be determined independently by referring to totals in the extreme right hand column. Also, visibility may be determined independently by reference to the horizontal row of totals at the bottom of the page. The percentage frequency for which the station was meeting or exceeding any given set of minima may be determined from the figure at the intersection of the appropriate ceiling column and visibility row. Several examples in the use of these tables are shown on pages 2 and 3 below.

U. S. Weather Bureau and Navy stations did not report ceilings within the range 10,000 feet and higher prior to January 1949. Summaries prepared from data for these stations using the earlier period and data subsequent to January 1949 will be modified to limit ceilings to 10,000 feet. Short periods of record prior to 1949 for these stations will be eliminated from the summary. For Air Force stations, the "no ceiling" category includes clear and scattered conditions, and ceilings above 20,000 feet for period through June 1948. Beginning in July 1948 for Air Force stations and January 1949 for USWB and U. S. Navy stations the "no ceiling" category consists of observations with less than 6/10 total sky cover and those cases where total sky cover is 6/10 or more, but not more than 1/2 of the sky cover is opaque.

EXAMPLES FOR USE OF CEILING VERSUS VISIBILITY TABLES IN THIS TABULATION

CEILING (FEET)	VISIBILITY (STATUTE MILES)															
	≥ 10	≥ 6	≥ 5	≥ 4	≥ 3	$\geq 2\frac{1}{2}$	≥ 2	$\geq 1\frac{1}{2}$	$\geq 1\frac{1}{4}$	≥ 1	$\geq \frac{3}{4}$	$\geq \frac{1}{2}$	$\geq \frac{1}{4}$	$\geq \frac{5}{16}$	$\geq \frac{1}{8}$	≥ 0
NO CEILING																
1600																
1500																92.6
1200																
1000																
900																
800																
700																
600																
500										97.4						98.1
400																
300																
200																
100																
0					95.4		96.9			98.3						100.0

EXAMPLE # 1 Read ceiling values independently of visibility under column at right headed ≥ 0 .
For instance, from the table: Ceiling ≥ 1500 feet = 92.6%.
Ceiling ≥ 500 feet = 98.1%.

EXAMPLE # 2 Read visibilities independently of ceilings on bottom line opposite ≥ 0 . From the table:
Visibility ≥ 3 miles = 95.4%.
Visibility ≥ 2 miles = 96.9%.
Visibility ≥ 1 mile = 98.3%.

EXAMPLE # 3 To obtain combinations of ceiling with visibility, read figure at intersection of the two categories; i.e.: Ceiling ≥ 1500 feet with visibility ≥ 3 miles = 91.0%.

ADDITIONAL EXAMPLES

EXAMPLE # 4 Values below minimums stated in the table may be obtained by subtracting the value given in the table from 100%.
Thus, to obtain the percentage of observations with ceiling < 1500 feet and/or visibility < 3 miles, subtract the value read from the table at the intersection, which is 91.0, from 100.0. The answer 9.0 is the percentage of observations with ceiling < 1500 feet and/or visibility < 3 miles.

Likewise, the percentage of observations with ceiling < 500 feet and/or visibility < 1 mile is 2.6, obtained by subtracting 97.4 from 100.0.

EXAMPLE # 5 To find the percentage of observations falling within the two categories given in example above, subtract the value read from the table for the first set of limits from the value in the table for the second set of limits. The difference will be the percentage of observations meeting the lower set of limits, but not meeting the higher set of limits.

The value 91.0 read from the table at the intersection of ≥ 1500 feet with ≥ 3 miles, subtracted from 97.4 read from the table at the intersection of ≥ 500 feet with ≥ 1 mile is equal to 6.4%. Thus; 6.4 percent of the observations meet the criteria: "ceiling ≥ 500 feet with visibility ≥ 1 mile, but < 3 miles; or ceiling ≥ 500 feet, but < 1500 feet with visibility ≥ 1 mile."

Since these tabulations are prepared in several ways including by month, by 3-hour groups it is possible to determine diurnal variations of ceiling and visibility limits as well as probabilities of various ceiling-visibility combinations.

2

DATA PROCESSING DIVISION
USAF ETAC
AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

94010
STATIONGLASGOW MONTANA AFB
STATION NAME59-68
YEARSALL
MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

ALL
HOURS

CEILING (FEET)	VISIBILITY (STATUTE MILES)															
	≥ 10	≥ 6	≥ 5	≥ 4	≥ 3	≥ 2½	≥ 2	≥ 1½	≥ 1¼	≥ 1	≥ ¾	≥ ½	≥ ¼	≥ 1/16	≥ 1/8	≥ 0
NO CEILING	55.8	56.3	56.5	56.5	56.6	56.6	56.6	56.7	56.7	56.7	56.7	56.7	56.7	56.8	56.8	56.9
≥ 20000	65.9	66.5	66.7	66.8	66.9	66.9	67.0	67.0	67.0	67.0	67.0	67.1	67.1	67.1	67.2	67.3
≥ 18000	65.9	66.5	66.7	66.8	66.9	66.9	67.0	67.0	67.0	67.0	67.0	67.1	67.1	67.2	67.2	67.3
≥ 16000	66.0	66.5	66.8	66.9	67.0	67.0	67.0	67.1	67.1	67.1	67.1	67.1	67.1	67.2	67.2	67.3
≥ 14000	66.3	66.8	67.1	67.1	67.2	67.2	67.3	67.3	67.3	67.4	67.4	67.4	67.4	67.5	67.5	67.6
≥ 12000	68.2	68.7	69.0	69.0	69.1	69.2	69.2	69.2	69.2	69.3	69.3	69.3	69.4	69.4	69.5	69.5
≥ 10000	71.8	72.4	72.6	72.7	72.8	72.9	72.9	73.0	73.0	73.0	73.1	73.1	73.1	73.2	73.2	73.3
≥ 9000	72.9	73.5	73.8	73.9	74.0	74.0	74.1	74.1	74.1	74.1	74.2	74.2	74.3	74.3	74.4	74.4
≥ 8000	75.6	76.3	76.6	76.7	76.8	76.8	76.9	77.0	77.0	77.0	77.1	77.1	77.2	77.2	77.2	77.3
≥ 7000	77.2	77.9	78.3	78.4	78.5	78.6	78.7	78.7	78.7	78.8	78.8	78.8	78.9	78.9	79.0	79.1
≥ 6000	79.0	79.8	80.2	80.3	80.4	80.4	80.6	80.6	80.6	80.7	80.7	80.7	80.8	80.8	80.9	81.0
≥ 5000	80.9	81.8	82.2	82.4	82.6	82.6	82.7	82.8	82.8	82.8	82.9	82.9	83.0	83.0	83.1	83.1
≥ 4500	81.5	82.4	82.9	83.0	83.2	83.2	83.4	83.4	83.4	83.5	83.6	83.6	83.7	83.7	83.7	83.8
≥ 4000	83.2	84.3	84.7	84.9	85.1	85.2	85.3	85.4	85.4	85.5	85.5	85.6	85.6	85.7	85.7	85.8
≥ 3500	83.8	84.8	85.3	85.5	85.8	85.8	86.0	86.1	86.1	86.1	86.2	86.2	86.3	86.3	86.4	86.5
≥ 3000	84.8	85.9	86.5	86.7	87.0	87.0	87.2	87.3	87.3	87.4	87.5	87.5	87.6	87.6	87.6	87.7
≥ 2500	85.7	87.0	87.6	87.8	88.1	88.2	88.4	88.5	88.5	88.6	88.6	88.7	88.8	88.8	88.8	88.9
≥ 2000	86.8	88.2	88.9	89.1	89.5	89.5	89.8	89.9	89.9	90.0	90.1	90.1	90.2	90.3	90.3	90.4
≥ 1800	87.2	88.6	89.2	89.5	89.9	90.0	90.2	90.3	90.4	90.5	90.5	90.6	90.7	90.7	90.8	90.8
≥ 1500	88.2	89.7	90.4	90.7	91.2	91.2	91.5	91.7	91.7	91.8	91.9	92.0	92.1	92.1	92.2	92.2
≥ 1200	88.8	90.5	91.3	91.6	92.1	92.1	92.5	92.6	92.7	92.9	93.0	93.0	93.1	93.2	93.2	93.3
≥ 1000	89.5	91.3	92.2	92.6	93.1	93.2	93.6	93.8	93.9	94.1	94.2	94.3	94.5	94.5	94.6	94.7
≥ 900	89.8	91.6	92.5	92.9	93.4	93.5	93.9	94.1	94.2	94.5	94.7	94.7	94.9	94.9	95.0	95.0
≥ 800	90.1	91.9	92.9	93.3	93.9	94.0	94.4	94.7	94.7	95.1	95.3	95.3	95.5	95.5	95.6	95.7
≥ 700	90.3	92.3	93.3	93.7	94.3	94.4	94.9	95.2	95.2	95.6	95.8	95.9	96.1	96.1	96.2	96.3
≥ 600	90.5	92.6	93.7	94.1	94.7	94.8	95.3	95.6	95.7	96.1	96.4	96.4	96.6	96.7	96.8	96.8
≥ 500	90.8	92.9	94.1	94.6	95.2	95.3	95.9	96.2	96.3	96.8	97.1	97.1	97.4	97.4	97.5	97.6
≥ 400	91.0	93.2	94.4	94.9	95.6	95.7	96.3	96.7	96.8	97.2	97.6	97.6	97.9	98.0	98.1	98.2
≥ 300	91.2	93.4	94.7	95.2	95.9	96.0	96.7	97.0	97.1	97.7	98.0	98.1	98.4	98.5	98.6	98.7
≥ 200	91.2	93.5	94.8	95.3	96.0	96.2	96.8	97.2	97.3	97.9	98.3	98.3	98.7	98.8	99.0	99.1
≥ 100	91.2	93.5	94.8	95.3	96.1	96.2	96.9	97.3	97.4	98.0	98.5	98.5	99.0	99.1	99.3	99.6
≥ 0	91.2	93.5	94.8	95.3	96.1	96.2	96.9	97.3	97.4	98.0	98.5	98.6	99.0	99.1	99.4	100.0

TOTAL NUMBER OF OBSERVATIONS 78038

USAFETAC

FORM
JAN 64

0-14-5 (OL 1) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

2

DATA PROCESSING DIVISION
USAF ETAC
AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

94010
STATIONGLASGOW MONTANA AFB
STATION NAME60-68
YEARSJAN
MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

ALL
PERIOD

CEILING (FEET)	VISIBILITY (STATUTE MILES)															
	≥ 10	≥ 6	≥ 5	≥ 4	≥ 3	≥ 2½	≥ 2	≥ 1½	≥ 1¼	≥ 1	≥ ¾	≥ ½	≥ ¼	≥ 5/16	≥ ¼	≥ 0
NO CEILING	47.6	48.5	49.1	49.2	49.5	49.6	49.7	49.7	49.7	49.8	49.9	49.9	50.0	50.0	50.2	50.3
≥ 20000	59.5	60.7	61.5	61.7	62.0	62.0	62.2	62.3	62.3	62.4	62.5	62.5	62.6	62.6	62.9	63.0
≥ 18000	59.5	60.7	61.5	61.7	62.0	62.0	62.2	62.3	62.3	62.4	62.5	62.5	62.6	62.6	62.9	63.0
≥ 16000	59.7	60.9	61.7	61.9	62.2	62.3	62.4	62.5	62.5	62.7	62.7	62.7	62.8	62.9	63.1	63.3
≥ 14000	59.9	61.1	61.9	62.1	62.4	62.4	62.6	62.7	62.7	62.8	62.9	62.9	63.0	63.0	63.3	63.4
≥ 12000	62.0	63.3	64.0	64.3	64.6	64.6	64.8	64.9	64.9	65.0	65.1	65.1	65.2	65.2	65.5	65.6
≥ 10000	65.9	67.4	68.2	68.5	68.9	68.9	69.1	69.2	69.3	69.4	69.5	69.5	69.6	69.7	69.9	70.1
≥ 9000	66.6	68.1	69.0	69.3	69.7	69.7	69.9	70.0	70.1	70.3	70.3	70.3	70.4	70.5	70.7	70.9
≥ 8000	69.5	71.2	72.1	72.3	72.9	72.9	73.2	73.3	73.3	73.5	73.6	73.6	73.7	73.7	74.0	74.2
≥ 7000	71.4	73.3	74.2	74.5	75.1	75.1	75.5	75.6	75.6	75.9	75.9	75.9	76.0	76.1	76.3	76.5
≥ 6000	72.9	74.9	76.1	76.4	77.0	77.1	77.4	77.6	77.6	77.9	77.9	77.9	78.0	78.1	78.3	78.5
≥ 5000	74.4	76.6	77.9	78.3	79.0	79.0	79.5	79.7	79.7	80.0	80.0	80.0	80.2	80.2	80.5	80.6
≥ 4500	74.9	77.2	78.5	78.8	79.5	79.6	80.1	80.3	80.4	80.6	80.7	80.7	80.8	80.9	81.1	81.3
≥ 4000	75.9	78.4	79.8	80.2	81.0	81.1	81.6	82.0	82.1	82.3	82.4	82.4	82.6	82.6	82.9	83.1
≥ 3500	76.3	78.8	80.3	80.7	81.6	81.7	82.3	82.7	82.8	83.0	83.1	83.1	83.3	83.4	83.6	83.8
≥ 3000	76.9	79.5	81.2	81.6	82.7	82.8	83.4	83.9	84.0	84.3	84.4	84.4	84.6	84.6	84.9	85.1
≥ 2500	77.5	80.3	82.0	82.5	83.6	83.8	84.4	84.9	85.0	85.4	85.5	85.5	85.6	85.7	86.0	86.2
≥ 2000	78.2	81.2	83.1	83.6	84.9	85.1	85.7	86.2	86.4	86.8	86.9	86.9	87.1	87.2	87.4	87.6
≥ 1800	78.5	81.4	83.3	83.9	85.2	85.4	86.1	86.6	86.7	87.1	87.3	87.3	87.4	87.5	87.8	88.0
≥ 1500	78.8	81.9	83.9	84.5	85.9	86.1	87.0	87.6	87.7	88.2	88.5	88.5	88.7	88.8	89.0	89.2
≥ 1200	79.3	82.7	84.9	85.5	86.9	87.2	88.2	88.9	89.0	89.7	90.0	90.0	90.2	90.2	90.5	90.7
≥ 1000	80.3	83.8	86.2	86.9	88.4	88.6	89.8	90.6	90.8	91.8	92.1	92.1	92.4	92.4	92.7	92.9
≥ 900	80.3	84.0	86.4	87.1	88.6	88.8	90.1	90.9	91.1	92.1	92.6	92.6	92.9	92.9	93.2	93.4
≥ 800	80.6	84.2	86.9	87.6	89.1	89.4	90.7	91.7	91.9	92.9	93.5	93.5	93.8	93.8	94.1	94.3
≥ 700	80.9	84.7	87.5	88.2	89.8	90.1	91.5	92.5	92.7	93.9	94.4	94.4	94.8	94.8	95.1	95.3
≥ 600	81.1	85.0	87.8	88.6	90.2	90.5	92.0	93.0	93.2	94.5	95.1	95.2	95.5	95.6	95.9	96.1
≥ 500	81.3	85.2	88.2	89.0	90.6	90.9	92.5	93.5	93.8	95.1	95.9	95.9	96.3	96.4	96.7	96.9
≥ 400	81.5	85.5	88.5	89.3	91.0	91.3	92.8	93.9	94.2	95.6	96.5	96.5	97.0	97.1	97.4	97.6
≥ 300	81.6	85.6	88.7	89.5	91.2	91.5	93.1	94.2	94.5	96.0	96.9	97.0	97.5	97.6	98.0	98.2
≥ 200	81.6	85.7	88.8	89.6	91.4	91.7	93.2	94.4	94.7	96.2	97.1	97.2	97.8	97.9	98.4	98.6
≥ 100	81.6	85.7	88.8	89.6	91.4	91.7	93.3	94.4	94.7	96.4	97.3	97.4	98.1	98.2	98.7	98.9
≥ 0	81.6	85.7	88.8	89.6	91.4	91.7	93.3	94.4	94.7	96.4	97.3	97.5	98.2	98.3	99.0	99.0

TOTAL NUMBER OF OBSERVATIONS 6696

USAFETAC FORM 0-14-5 (OL 1) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

DATA PROCESSING DIVISION
USAF ETAC
AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

94010
STATION

GLASGOW MONTANA AFB
STATION NAME

60-68
YEARS

FEB
MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

ALL
HOURS (EST.)

CEILING (FEET)	VISIBILITY (STATUTE MILES)															
	≥10	≥6	≥5	≥4	≥3	≥2½	≥2	≥1½	≥1¼	≥1	¾	¾	¾	≥5/16	≥½	≥0
NO CEILING	46.1	47.4	47.8	47.9	48.2	48.2	48.4	48.4	48.5	48.6	48.8	48.8	49.0	49.0	49.2	49.3
≥ 20000	53.7	55.3	55.9	56.1	56.4	56.4	56.6	56.7	56.7	56.9	57.1	57.1	57.4	57.4	57.5	57.8
≥ 18000	53.7	55.4	56.0	56.1	56.4	56.5	56.7	56.8	56.8	57.0	57.2	57.2	57.4	57.5	57.6	57.8
≥ 16000	53.8	55.4	56.0	56.2	56.5	56.5	56.7	56.8	56.8	57.0	57.2	57.2	57.5	57.5	57.6	57.9
≥ 14000	54.1	55.7	56.3	56.5	56.8	56.8	57.0	57.1	57.2	57.4	57.5	57.5	57.8	57.8	58.0	58.2
≥ 12000	55.8	57.5	58.1	58.3	58.6	58.6	58.9	59.0	59.0	59.2	59.4	59.4	59.6	59.7	59.8	60.0
≥ 10000	59.6	61.4	62.1	62.3	62.6	62.6	62.9	63.0	63.1	63.3	63.4	63.5	63.7	63.7	63.9	64.1
≥ 9000	60.9	62.8	63.5	63.7	64.0	64.0	64.3	64.4	64.5	64.7	64.9	64.9	65.1	65.2	65.3	65.5
≥ 8000	64.0	66.0	66.8	67.0	67.4	67.4	67.7	67.9	67.9	68.2	68.3	68.4	68.7	68.7	68.9	69.1
≥ 7000	65.3	67.3	68.2	68.4	68.8	68.9	69.2	69.3	69.4	69.6	69.9	69.9	70.2	70.3	70.5	70.7
≥ 6000	66.3	68.3	69.2	69.4	69.9	69.9	70.2	70.4	70.5	70.7	70.9	71.0	71.3	71.4	71.5	71.8
≥ 5000	68.0	70.3	71.3	71.6	72.2	72.3	72.7	72.9	73.0	73.2	73.5	73.5	73.9	73.9	74.1	74.3
≥ 4500	68.4	70.8	71.7	72.1	72.7	72.8	73.2	73.4	73.5	73.7	74.0	74.0	74.4	74.4	74.6	74.8
≥ 4000	69.8	72.3	73.4	73.8	74.5	74.6	75.1	75.3	75.4	75.6	75.9	75.9	76.3	76.4	76.5	76.8
≥ 3500	70.2	72.8	73.9	74.4	75.0	75.2	75.7	75.9	75.9	76.2	76.5	76.5	76.9	76.9	77.1	77.4
≥ 3000	70.9	73.7	74.8	75.4	76.2	76.3	76.9	77.1	77.1	77.4	77.7	77.7	78.1	78.2	78.3	78.6
≥ 2500	71.4	74.3	75.6	76.3	77.1	77.2	77.9	78.1	78.1	78.4	78.7	78.8	79.2	79.2	79.4	79.6
≥ 2000	72.6	75.7	77.0	77.7	78.7	78.8	79.5	79.9	79.9	80.3	80.6	80.6	81.0	81.0	81.2	81.5
≥ 1800	73.0	76.1	77.4	78.1	79.1	79.3	80.0	80.4	80.4	80.8	81.1	81.1	81.5	81.5	81.7	82.0
≥ 1500	74.6	78.2	79.8	80.6	81.7	81.8	82.6	83.1	83.1	83.5	83.8	83.8	84.3	84.3	84.5	84.7
≥ 1200	75.4	79.2	80.9	81.8	83.0	83.1	84.0	84.5	84.5	84.9	85.3	85.4	85.8	85.9	86.1	86.3
≥ 1000	76.6	80.6	82.5	83.5	85.0	85.1	86.1	86.7	86.7	87.3	87.7	87.7	88.3	88.3	88.5	88.8
≥ 900	76.7	80.8	82.8	83.8	85.2	85.4	86.4	87.0	87.1	87.6	88.1	88.1	88.7	88.7	88.9	89.2
≥ 800	77.1	81.3	83.3	84.4	85.9	86.1	87.2	87.8	87.9	88.6	89.1	89.2	89.8	89.9	90.1	90.3
≥ 700	77.5	81.8	84.0	85.0	86.6	86.8	87.9	88.6	88.8	89.4	90.0	90.1	90.7	90.8	91.0	91.2
≥ 600	77.8	82.2	84.4	85.4	87.3	87.5	88.7	89.5	89.7	90.4	91.0	91.1	91.8	91.9	92.1	92.4
≥ 500	78.3	83.0	85.3	86.4	88.3	88.6	89.9	90.8	91.0	91.9	92.5	92.6	93.4	93.5	93.7	94.1
≥ 400	78.8	83.7	86.1	87.3	89.2	89.5	90.8	91.8	92.0	92.9	93.6	93.7	94.5	94.6	94.9	95.3
≥ 300	79.0	84.0	86.6	87.7	89.7	90.0	91.4	92.4	92.6	93.6	94.2	94.3	95.3	95.5	95.8	96.2
≥ 200	79.1	84.2	86.8	88.0	90.0	90.4	91.9	92.9	93.2	94.2	94.9	95.1	96.2	96.4	96.8	97.5
≥ 100	79.1	84.2	86.8	88.0	90.1	90.5	92.2	93.3	93.6	94.8	95.6	95.8	97.0	97.2	97.7	98.8
≥ 0	79.1	84.2	86.8	88.0	90.2	90.5	92.3	93.4	93.6	94.9	95.7	95.8	97.2	97.4	97.9	100.0

TOTAL NUMBER OF OBSERVATIONS 6120

USAFETAC

FORM
JAN 64

0-14-5 (OL 1) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

2

DATA PROCESSING DIVISION
USAF ETAC
AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

94010
STATIONGLASGOW MONTANA AFB
STATION NAME60-68
YEARSMAR
MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

ALL
HOURS LST

CEILING (FEET)	VISIBILITY (STATUTE MILES)															
	≥ 10	≥ 6	≥ 5	≥ 4	≥ 3	≥ 2½	≥ 2	≥ 1½	≥ 1¼	≥ 1	≥ ¾	≥ ½	≥ ¼	≥ 1/8	≥ 5/16	≥ 0
NO CEILING	53.7	54.3	54.6	54.8	54.9	54.9	55.0	55.0	55.0	55.0	55.1	55.1	55.3	55.3	55.4	55.5
≥ 20000	64.9	65.7	66.0	66.3	66.5	66.5	66.6	66.6	66.6	66.7	66.8	66.8	66.9	67.0	67.0	67.2
≥ 18000	64.9	65.8	66.1	66.4	66.5	66.6	66.6	66.7	66.7	66.7	66.8	66.8	67.0	67.0	67.1	67.2
≥ 16000	65.0	65.9	66.2	66.5	66.6	66.7	66.8	66.8	66.8	66.9	67.0	67.0	67.1	67.2	67.2	67.4
≥ 14000	65.2	66.1	66.4	66.7	66.8	66.9	66.9	67.0	67.0	67.0	67.1	67.1	67.3	67.3	67.4	67.5
≥ 12000	66.7	67.6	67.9	68.2	68.4	68.5	68.5	68.5	68.5	68.6	68.7	68.7	68.8	68.9	68.9	69.1
≥ 10000	69.2	70.1	70.5	70.8	71.0	71.0	71.1	71.2	71.2	71.3	71.4	71.4	71.6	71.7	71.8	71.9
≥ 9000	69.7	70.6	71.0	71.3	71.5	71.6	71.7	71.7	71.8	71.8	72.0	72.0	72.2	72.2	72.3	72.5
≥ 8000	72.4	73.4	73.8	74.1	74.3	74.4	74.6	74.7	74.7	74.8	75.0	75.0	75.2	75.3	75.3	75.5
≥ 7000	74.7	75.8	76.2	76.5	76.8	76.8	77.0	77.2	77.2	77.3	77.4	77.5	77.6	77.7	77.8	77.9
≥ 6000	75.7	76.9	77.3	77.7	77.9	78.0	78.2	78.3	78.4	78.5	78.6	78.6	78.8	78.9	79.0	79.1
≥ 5000	77.1	78.4	78.9	79.2	79.3	79.6	79.8	79.9	79.9	80.1	80.2	80.3	80.5	80.6	80.6	80.8
≥ 4500	77.6	79.0	79.5	79.9	80.2	80.2	80.4	80.5	80.6	80.7	80.9	80.9	81.1	81.2	81.3	81.4
≥ 4000	79.1	80.6	81.2	81.6	82.0	82.1	82.3	82.5	82.5	82.6	82.8	82.8	83.1	83.2	83.2	83.4
≥ 3500	79.7	81.2	81.9	82.4	82.8	82.9	83.1	83.2	83.3	83.4	83.6	83.6	83.8	83.9	84.0	84.2
≥ 3000	80.8	82.5	83.3	83.8	84.2	84.4	84.6	84.8	84.8	85.0	85.2	85.2	85.4	85.5	85.6	85.7
≥ 2500	81.6	83.4	84.3	84.8	85.3	85.4	85.7	85.9	86.0	86.2	86.4	86.4	86.7	86.8	86.8	87.0
≥ 2000	82.9	84.8	85.8	86.4	87.0	87.2	87.6	87.8	87.9	88.2	88.3	88.4	88.6	88.7	88.8	89.0
≥ 1800	83.4	85.3	86.3	86.9	87.5	87.7	88.1	88.4	88.5	88.7	88.9	89.0	89.2	89.3	89.4	89.6
≥ 1500	84.6	86.6	87.8	88.4	89.2	89.3	89.8	90.2	90.3	90.6	90.9	90.9	91.1	91.3	91.3	91.5
≥ 1200	85.3	87.4	88.6	89.3	90.0	90.2	90.8	91.2	91.3	91.7	92.0	92.0	92.2	92.4	92.4	92.6
≥ 1000	86.0	88.2	89.5	90.3	91.2	91.4	92.2	92.6	92.9	93.3	93.9	93.9	94.2	94.4	94.4	94.6
≥ 900	86.3	88.6	89.9	90.6	91.5	91.7	92.5	93.0	93.3	93.9	94.3	94.3	94.6	94.7	94.8	95.0
≥ 800	86.6	88.8	90.2	91.0	91.9	92.1	92.9	93.3	93.8	94.5	94.9	95.0	95.3	95.4	95.5	95.7
≥ 700	86.7	89.0	90.4	91.2	92.1	92.3	93.2	93.7	94.1	94.9	95.5	95.6	95.9	96.1	96.2	96.4
≥ 600	86.9	89.2	90.7	91.4	92.4	92.6	93.6	94.1	94.5	95.4	96.0	96.1	96.4	96.6	96.7	96.8
≥ 500	87.4	89.7	91.2	92.0	93.0	93.2	94.2	94.8	95.2	96.2	96.9	97.0	97.3	97.7	97.8	98.0
≥ 400	87.5	89.9	91.4	92.2	93.2	93.4	94.4	95.0	95.4	96.4	97.2	97.3	97.8	98.1	98.2	98.4
≥ 300	87.7	90.1	91.7	92.5	93.5	93.8	94.8	95.4	95.8	96.8	97.6	97.7	98.3	98.5	98.6	98.9
≥ 200	87.7	90.1	91.7	92.5	93.6	93.8	94.8	95.5	95.8	96.9	97.7	97.8	98.5	98.7	98.9	99.2
≥ 100	87.7	90.1	91.7	92.5	93.6	93.8	94.9	95.5	95.9	97.0	97.8	97.9	98.6	98.8	99.1	99.4
≥ 0	87.7	90.1	91.7	92.5	93.6	93.8	94.9	95.5	95.9	97.0	97.8	97.9	98.6	98.9	99.2	100.0

TOTAL NUMBER OF OBSERVATIONS 6692

USAFETAC FORM 0-14-5 (OL 1) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

DATA PROCESSING DIVISION
USAF ETAC
AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

94010
STATION

GLASGOW MONTANA AFB
STATION NAME

60-68
YEARS

APR
MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

ALL
DATA

CEILING (FEET)	VISIBILITY (STATUTE MILES)															
	≥ 10	≥ 6	≥ 5	≥ 4	≥ 3	≥ 2.5	≥ 2	≥ 1.5	≥ 1.0	≥ 0.5	≥ 0.25	≥ 0.15	≥ 0.10	≥ 0.05	≥ 0.025	≥ 0
NO CEILING	48.1	48.2	48.3	48.3	48.3	48.3	48.3	48.3	48.3	48.3	48.4	48.4	48.4	48.4	48.4	48.4
≥ 20000	58.8	59.0	59.1	59.1	59.2	59.2	59.2	59.2	59.2	59.2	59.2	59.2	59.2	59.2	59.2	59.2
≥ 18000	58.8	59.0	59.1	59.1	59.2	59.2	59.2	59.2	59.2	59.2	59.2	59.2	59.2	59.2	59.2	59.2
≥ 16000	58.8	59.0	59.2	59.2	59.2	59.2	59.2	59.2	59.2	59.2	59.2	59.2	59.2	59.2	59.3	59.3
≥ 14000	59.2	59.4	59.5	59.5	59.6	59.6	59.6	59.6	59.6	59.6	59.6	59.6	59.6	59.6	59.6	59.6
≥ 12000	60.6	60.8	60.9	60.9	61.0	61.0	61.0	61.0	61.0	61.0	61.0	61.0	61.0	61.0	61.0	61.0
≥ 10000	63.4	63.7	63.8	63.8	63.8	63.8	63.8	63.8	63.8	63.8	63.9	63.9	63.9	63.9	63.9	63.9
≥ 9000	64.2	64.4	64.6	64.6	64.6	64.6	64.6	64.6	64.6	64.6	64.6	64.6	64.6	64.6	64.7	64.7
≥ 8000	67.3	67.6	67.8	67.9	67.9	67.9	67.9	67.9	67.9	67.9	67.9	67.9	67.9	67.9	68.0	68.0
≥ 7000	69.1	69.4	69.6	69.6	69.6	69.7	69.7	69.7	69.7	69.7	69.7	69.7	69.7	69.7	69.7	69.7
≥ 6000	71.7	72.0	72.2	72.2	72.3	72.3	72.3	72.3	72.3	72.3	72.3	72.3	72.3	72.3	72.3	72.3
≥ 5000	74.0	74.3	74.5	74.5	74.5	74.6	74.6	74.6	74.6	74.6	74.6	74.6	74.6	74.6	74.6	74.6
≥ 4500	74.7	75.0	75.2	75.2	75.3	75.3	75.3	75.3	75.3	75.3	75.4	75.4	75.4	75.4	75.4	75.4
≥ 4000	77.3	77.7	77.9	78.0	78.1	78.1	78.2	78.2	78.2	78.2	78.2	78.2	78.2	78.2	78.2	78.3
≥ 3500	78.1	78.6	78.8	78.9	78.9	79.0	79.0	79.0	79.0	79.1	79.1	79.1	79.1	79.1	79.1	79.1
≥ 3000	79.8	80.4	80.7	80.8	80.9	80.9	81.0	81.0	81.0	81.0	81.0	81.1	81.1	81.1	81.1	81.1
≥ 2500	81.4	82.1	82.4	82.5	82.6	82.6	82.7	82.7	82.7	82.8	82.8	82.8	82.8	82.8	82.8	82.9
≥ 2000	83.0	83.8	84.2	84.3	84.5	84.5	84.7	84.7	84.7	84.7	84.8	84.8	84.8	84.8	84.8	84.8
≥ 1800	83.5	84.3	84.7	84.8	85.0	85.0	85.2	85.2	85.2	85.3	85.3	85.3	85.3	85.3	85.3	85.4
≥ 1500	84.6	85.5	86.0	86.1	86.4	86.5	86.7	86.8	86.8	86.9	86.9	86.9	86.9	86.9	86.9	86.9
≥ 1200	86.0	87.0	87.5	87.7	88.1	88.2	88.6	88.6	88.6	88.8	88.8	88.8	88.8	88.8	88.8	88.8
≥ 1000	87.4	88.5	89.2	89.4	89.8	89.9	90.4	90.6	90.7	90.8	91.0	91.0	91.0	91.0	91.0	91.0
≥ 900	87.8	89.0	89.6	89.8	90.2	90.3	90.9	91.1	91.1	91.4	91.5	91.5	91.6	91.6	91.6	91.6
≥ 800	88.3	89.5	90.3	90.6	91.0	91.1	91.7	91.9	91.9	92.2	92.4	92.4	92.5	92.5	92.5	92.6
≥ 700	89.0	90.4	91.2	91.5	92.0	92.1	92.7	93.0	93.1	93.5	93.7	93.8	94.0	94.0	94.0	94.0
≥ 600	89.4	90.8	91.7	92.0	92.6	92.7	93.4	93.7	93.8	94.2	94.4	94.5	94.7	94.8	94.8	94.8
≥ 500	89.9	91.5	92.5	92.8	93.4	93.6	94.3	94.7	94.8	95.3	95.7	95.8	96.1	96.2	96.2	96.3
≥ 400	90.4	92.2	93.3	93.6	94.4	94.5	95.3	95.7	95.8	96.5	96.9	97.0	97.3	97.4	97.5	97.5
≥ 300	90.5	92.3	93.5	93.9	94.8	94.9	95.8	96.2	96.3	97.1	97.5	97.7	97.9	98.1	98.2	98.2
≥ 200	90.5	92.4	93.6	94.0	94.9	95.1	95.9	96.4	96.5	97.4	97.9	98.1	98.3	98.6	98.8	98.9
≥ 100	90.5	92.4	93.6	94.0	94.9	95.1	96.0	96.4	96.6	97.5	98.1	98.3	98.8	98.9	99.1	99.3
0	90.5	92.4	93.6	94.0	94.9	95.1	96.0	96.4	96.6	97.5	98.2	98.4	98.8	99.0	99.2	100.0

TOTAL NUMBER OF OBSERVATIONS 6480

2
DATA PROCESSING DIVISION
USAF ETAC
AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

94010
STATION

GLASGOW MONTANA AFB
STATION NAME

60-68
YEARS

MAY
MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

ALL
HOURS

CEILING (FEET)	VISIBILITY (STATUTE MILES)															
	≥ 10	≥ 6	≥ 5	≥ 4	≥ 3	≥ 2½	≥ 2	≥ 1½	≥ 1¼	≥ 1	≥ ¾	≥ ½	≥ ¼	≥ 5/16	≥ ¼	≥ 0
NO CEILING	50.4	50.5	50.6	50.6	50.7	50.7	50.7	50.7	50.7	50.7	50.7	50.7	50.7	50.7	50.7	50.7
≥ 20000	62.0	62.2	62.3	62.3	62.4	62.4	62.4	62.4	62.4	62.4	62.4	62.4	62.4	62.4	62.4	62.4
≥ 18000	62.0	62.2	62.3	62.3	62.4	62.4	62.4	62.4	62.4	62.4	62.4	62.4	62.4	62.4	62.4	62.4
≥ 16000	62.0	62.2	62.3	62.3	62.4	62.4	62.4	62.4	62.4	62.4	62.4	62.4	62.4	62.4	62.4	62.4
≥ 14000	62.3	62.5	62.6	62.6	62.7	62.7	62.7	62.7	62.7	62.7	62.7	62.7	62.7	62.7	62.7	62.7
≥ 12000	63.2	63.4	63.5	63.5	63.6	63.6	63.6	63.6	63.6	63.6	63.6	63.6	63.6	63.6	63.6	63.6
≥ 10000	66.4	66.6	66.7	66.7	66.8	66.8	66.8	66.8	66.8	66.8	66.8	66.8	66.8	66.8	66.8	66.8
≥ 9000	67.9	68.2	68.2	68.2	68.3	68.3	68.3	68.3	68.3	68.3	68.3	68.3	68.3	68.3	68.3	68.3
≥ 8000	71.1	71.4	71.5	71.5	71.5	71.5	71.5	71.5	71.5	71.5	71.5	71.5	71.5	71.5	71.5	71.5
≥ 7000	73.3	73.6	73.7	73.7	73.8	73.8	73.8	73.8	73.8	73.8	73.8	73.8	73.8	73.8	73.8	73.8
≥ 6000	76.1	76.5	76.6	76.6	76.7	76.7	76.7	76.7	76.7	76.7	76.7	76.7	76.7	76.7	76.7	76.7
≥ 5000	79.2	79.7	79.8	79.8	79.9	79.9	79.9	79.9	79.9	79.9	79.9	79.9	79.9	79.9	79.9	79.9
≥ 4500	80.5	81.0	81.1	81.1	81.2	81.2	81.2	81.2	81.2	81.2	81.2	81.2	81.2	81.2	81.2	81.2
≥ 4000	83.5	84.0	84.2	84.2	84.2	84.2	84.2	84.2	84.2	84.2	84.2	84.2	84.2	84.2	84.2	84.2
≥ 3500	84.4	85.0	85.1	85.1	85.2	85.2	85.2	85.2	85.2	85.2	85.2	85.2	85.2	85.2	85.2	85.2
≥ 3000	85.9	86.6	86.7	86.7	86.8	86.8	86.8	86.8	86.8	86.8	86.8	86.8	86.8	86.8	86.8	86.8
≥ 2500	87.9	88.5	88.8	88.8	88.9	88.9	88.9	88.9	88.9	88.9	88.9	88.9	88.9	88.9	88.9	88.9
≥ 2000	89.8	90.6	90.9	91.0	91.1	91.1	91.1	91.1	91.1	91.1	91.1	91.1	91.1	91.1	91.1	91.1
≥ 1800	90.1	91.0	91.4	91.4	91.5	91.5	91.6	91.6	91.6	91.6	91.6	91.6	91.6	91.6	91.6	91.6
≥ 1500	91.8	93.0	93.4	93.5	93.6	93.6	93.6	93.6	93.6	93.6	93.6	93.6	93.6	93.6	93.6	93.6
≥ 1200	92.8	94.2	94.6	94.7	94.8	94.8	94.9	94.9	94.9	94.9	94.9	94.9	94.9	94.9	94.9	94.9
≥ 1000	93.4	94.9	95.4	95.5	95.7	95.7	95.7	95.7	95.7	95.7	95.7	95.7	95.7	95.7	95.7	95.7
≥ 900	93.8	95.3	95.9	96.0	96.1	96.1	96.2	96.2	96.2	96.2	96.2	96.2	96.2	96.2	96.2	96.2
≥ 800	94.0	95.6	96.1	96.3	96.4	96.4	96.5	96.5	96.5	96.5	96.5	96.5	96.5	96.5	96.5	96.5
≥ 700	94.4	96.1	96.7	96.8	97.0	97.0	97.1	97.1	97.1	97.1	97.1	97.1	97.1	97.1	97.1	97.1
≥ 600	94.8	96.7	97.3	97.3	97.6	97.6	97.7	97.7	97.7	97.7	97.7	97.7	97.7	97.8	97.8	97.8
≥ 500	95.2	97.2	98.0	98.2	98.4	98.4	98.4	98.5	98.5	98.5	98.5	98.5	98.5	98.5	98.6	98.6
≥ 400	95.2	97.3	98.4	98.6	98.9	98.9	99.0	99.0	99.1	99.1	99.1	99.1	99.1	99.1	99.2	99.2
≥ 300	95.3	97.5	98.7	98.9	99.2	99.2	99.3	99.4	99.4	99.5	99.5	99.5	99.5	99.5	99.5	99.5
≥ 200	95.4	97.6	98.7	99.0	99.3	99.3	99.5	99.6	99.6	99.7	99.7	99.7	99.7	99.8	99.8	99.8
≥ 100	95.4	97.6	98.7	99.0	99.3	99.3	99.5	99.6	99.7	99.7	99.7	99.7	99.7	99.8	99.8	99.9
≥ 0	95.4	97.6	98.7	99.0	99.3	99.3	99.5	99.6	99.7	99.7	99.7	99.7	99.7	99.8	99.8	100.0

TOTAL NUMBER OF OBSERVATIONS 6692

USAFETAC FORM 0-14-5 (OL 1) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

2

DATA PROCESSING DIVISION
USAF ETAC
AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

94010
STATION

GLASGOW MONTANA AFB
STATION NAME

60-67
YEARS

JUN
MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

ALL
HOURS LST

CEILING (FEET)	VISIBILITY (STATUTE MILES)															
	≥10	≥6	≥5	≥4	≥3	≥2½	≥2	≥1½	≥1¼	≥1	¾	¾	¾	≥5/16	¾	≥0
NO CEILING	56.5	56.8	56.8	56.8	56.8	56.8	56.8	56.8	56.8	56.8	56.8	56.8	56.8	56.8	56.8	56.8
≥ 20000	68.0	68.3	68.3	68.4	68.4	68.4	68.4	68.4	68.4	68.4	68.4	68.4	68.4	68.4	68.4	68.4
≥ 18000	68.0	68.3	68.3	68.4	68.4	68.4	68.4	68.4	68.4	68.4	68.4	68.4	68.4	68.4	68.4	68.4
≥ 16000	68.0	68.3	68.4	68.4	68.4	68.4	68.4	68.4	68.4	68.4	68.4	68.4	68.4	68.4	68.4	68.4
≥ 14000	68.3	68.6	68.7	68.7	68.7	68.7	68.7	68.7	68.7	68.7	68.7	68.7	68.7	68.7	68.7	68.7
≥ 12000	69.1	69.4	69.4	69.4	69.4	69.5	69.5	69.5	69.5	69.5	69.5	69.5	69.5	69.5	69.5	69.5
≥ 10000	72.5	72.9	72.9	72.9	72.9	72.9	73.0	73.0	73.0	73.0	73.0	73.0	73.0	73.0	73.0	73.0
≥ 9000	73.9	74.3	74.3	74.3	74.4	74.4	74.4	74.4	74.4	74.4	74.4	74.4	74.4	74.4	74.4	74.4
≥ 8000	77.6	78.0	78.0	78.1	78.1	78.1	78.1	78.1	78.1	78.1	78.1	78.1	78.1	78.1	78.1	78.1
≥ 7000	79.7	80.1	80.2	80.2	80.3	80.3	80.3	80.3	80.3	80.3	80.3	80.3	80.3	80.3	80.3	80.3
≥ 6000	81.6	82.1	82.2	82.2	82.3	82.3	82.3	82.3	82.3	82.3	82.3	82.3	82.3	82.3	82.3	82.3
≥ 5000	83.6	84.2	84.3	84.3	84.4	84.4	84.4	84.4	84.4	84.4	84.4	84.4	84.4	84.4	84.4	84.4
≥ 4500	84.0	84.7	84.7	84.8	84.8	84.8	84.8	84.8	84.8	84.8	84.8	84.8	84.8	84.9	84.9	84.9
≥ 4000	87.0	87.7	87.9	87.9	88.0	88.0	88.0	88.0	88.0	88.0	88.0	88.0	88.0	88.0	88.0	88.0
≥ 3500	87.7	88.4	88.6	88.6	88.7	88.7	88.7	88.7	88.7	88.7	88.7	88.7	88.7	88.8	88.8	88.8
≥ 3000	89.1	89.9	90.1	90.1	90.2	90.2	90.2	90.2	90.2	90.2	90.2	90.2	90.2	90.2	90.2	90.2
≥ 2500	90.2	91.1	91.3	91.4	91.4	91.4	91.4	91.4	91.4	91.4	91.4	91.4	91.4	91.5	91.5	91.5
≥ 2000	91.5	92.5	92.8	92.9	93.0	93.0	93.0	93.0	93.0	93.0	93.0	93.0	93.0	93.0	93.0	93.0
≥ 1800	91.9	93.0	93.3	93.4	93.5	93.5	93.5	93.5	93.5	93.5	93.5	93.5	93.5	93.5	93.5	93.5
≥ 1500	92.9	94.1	94.5	94.6	94.7	94.7	94.7	94.7	94.7	94.7	94.7	94.7	94.7	94.8	94.8	94.8
≥ 1200	93.4	94.7	95.1	95.3	95.3	95.3	95.4	95.4	95.4	95.4	95.4	95.4	95.4	95.4	95.4	95.4
≥ 1000	94.0	95.4	95.9	96.0	96.1	96.1	96.1	96.1	96.1	96.1	96.2	96.2	96.2	96.2	96.2	96.2
≥ 900	94.3	95.7	96.1	96.3	96.4	96.4	96.4	96.4	96.4	96.4	96.4	96.5	96.5	96.5	96.5	96.5
≥ 800	94.8	96.4	96.9	97.1	97.2	97.2	97.3	97.3	97.3	97.3	97.3	97.3	97.3	97.3	97.3	97.3
≥ 700	95.1	96.8	97.4	97.6	97.8	97.8	97.9	97.9	97.9	97.9	97.9	97.9	97.9	98.0	98.0	98.0
≥ 600	95.3	97.1	97.8	98.0	98.1	98.1	98.2	98.2	98.2	98.2	98.2	98.2	98.2	98.2	98.2	98.2
≥ 500	95.6	97.4	98.1	98.3	98.6	98.6	98.8	98.8	98.8	98.8	98.8	98.9	98.9	98.9	98.9	98.9
≥ 400	95.7	97.6	98.6	98.8	99.0	99.0	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.4	99.4	99.4
≥ 300	95.8	97.9	98.7	99.1	99.4	99.4	99.6	99.6	99.6	99.6	99.7	99.7	99.7	99.7	99.7	99.7
≥ 200	95.8	97.9	98.8	99.2	99.5	99.5	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.9	99.9	99.9
≥ 100	95.8	97.9	98.8	99.2	99.6	99.6	99.8	99.8	99.8	99.8	99.8	99.9	99.9	99.9	100.0	100.0
≥ 0	95.8	97.9	98.8	99.2	99.6	99.6	99.8	99.8	99.8	99.8	99.8	99.9	99.9	99.9	100.0	100.0

TOTAL NUMBER OF OBSERVATIONS 5760

USAFETAC

FORM
JUL 64

0-14-5 (OL 1) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

DATA PROCESSING DIVISION
USAF ETAC
AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

94010
STATION

GLASGOW MONTANA AFB
STATION NAME

59-67
YEARS

JUL
MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

ALL
HOURS LST

CEILING (FEET)	VISIBILITY (STATUTE MILES)															
	≥10	≥6	≥5	≥4	≥3	≥2½	≥2	≥1½	≥1¼	≥1	¾	¾	¾	¾	≥5/16	≥0
NO CEILING	72.2	72.2	72.2	72.2	72.3	72.3	72.3	72.3	72.3	72.3	72.3	72.3	72.3	72.3	72.3	72.4
≥ 20000	80.9	80.9	81.0	81.0	81.0	81.0	81.0	81.0	81.0	81.0	81.0	81.0	81.0	81.0	81.1	81.1
≥ 18000	80.9	80.9	81.0	81.0	81.0	81.0	81.0	81.0	81.0	81.0	81.0	81.0	81.0	81.1	81.1	81.1
≥ 16000	80.9	80.9	81.0	81.0	81.0	81.0	81.0	81.0	81.0	81.0	81.0	81.0	81.0	81.1	81.1	81.1
≥ 14000	81.3	81.3	81.4	81.4	81.4	81.4	81.4	81.4	81.4	81.4	81.4	81.4	81.4	81.5	81.5	81.5
≥ 12000	83.6	83.6	83.7	83.7	83.7	83.7	83.7	83.7	83.7	83.7	83.7	83.7	83.7	83.7	83.8	83.8
≥ 10000	86.8	86.9	86.9	87.0	87.0	87.0	87.0	87.0	87.0	87.0	87.0	87.0	87.0	87.0	87.0	87.1
≥ 9000	88.1	88.2	88.2	88.2	88.3	88.3	88.3	88.3	88.3	88.3	88.3	88.3	88.3	88.3	88.3	88.3
≥ 8000	90.2	90.2	90.3	90.3	90.3	90.3	90.3	90.3	90.3	90.3	90.3	90.3	90.3	90.4	90.4	90.4
≥ 7000	91.3	91.3	91.4	91.4	91.4	91.4	91.4	91.4	91.4	91.4	91.5	91.5	91.5	91.5	91.5	91.5
≥ 6000	92.9	93.0	93.1	93.1	93.2	93.2	93.2	93.2	93.2	93.2	93.2	93.2	93.2	93.2	93.2	93.2
≥ 5000	95.2	95.4	95.5	95.5	95.5	95.5	95.6	95.6	95.6	95.6	95.6	95.6	95.6	95.6	95.6	95.6
≥ 4500	95.6	95.9	96.0	96.0	96.0	96.0	96.1	96.1	96.1	96.1	96.1	96.1	96.1	96.1	96.1	96.1
≥ 4000	97.0	97.3	97.4	97.4	97.5	97.5	97.5	97.5	97.5	97.5	97.5	97.5	97.5	97.5	97.5	97.6
≥ 3500	97.2	97.4	97.5	97.5	97.6	97.6	97.6	97.6	97.6	97.6	97.6	97.6	97.6	97.7	97.7	97.7
≥ 3000	97.3	97.6	97.7	97.7	97.8	97.8	97.8	97.8	97.8	97.8	97.8	97.8	97.8	97.9	97.9	97.9
≥ 2500	97.6	97.9	98.0	98.0	98.1	98.1	98.1	98.1	98.1	98.1	98.1	98.1	98.1	98.2	98.2	98.2
≥ 2000	98.1	98.4	98.5	98.5	98.6	98.6	98.6	98.6	98.6	98.6	98.6	98.6	98.6	98.7	98.7	98.7
≥ 1800	98.1	98.4	98.5	98.5	98.6	98.6	98.6	98.6	98.6	98.6	98.7	98.7	98.7	98.7	98.7	98.7
≥ 1500	98.3	98.6	98.7	98.7	98.8	98.8	98.8	98.8	98.8	98.8	98.8	98.8	98.8	98.9	98.9	98.9
≥ 1200	98.6	98.9	99.1	99.1	99.1	99.1	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.3
≥ 1000	98.7	99.1	99.2	99.2	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.4	99.4
≥ 900	98.7	99.1	99.2	99.2	99.3	99.3	99.3	99.3	99.3	99.3	99.4	99.4	99.4	99.4	99.4	99.4
≥ 800	98.7	99.1	99.2	99.2	99.3	99.3	99.3	99.3	99.3	99.3	99.4	99.4	99.4	99.4	99.4	99.4
≥ 700	98.7	99.1	99.2	99.3	99.3	99.3	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4
≥ 600	98.8	99.2	99.4	99.4	99.5	99.5	99.5	99.5	99.5	99.5	99.5	99.5	99.5	99.5	99.5	99.6
≥ 500	98.9	99.3	99.6	99.6	99.6	99.6	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.8
≥ 400	98.9	99.3	99.6	99.6	99.6	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.8
≥ 300	99.0	99.4	99.8	99.8	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	100.0	100.0
≥ 200	99.0	99.5	99.8	99.8	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	100.0	100.0	100.0
≥ 100	99.0	99.5	99.8	99.8	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	100.0	100.0	100.0
≥ 0	99.0	99.5	99.8	99.8	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	100.0	100.0	100.0

TOTAL NUMBER OF OBSERVATIONS 6350

USAFETAC

FORM
JUL 64

0-14-5 (OL 1) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

DATA PROCESSING DIVISION
USAF ETAC
AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

94010
STATION

GLASSBORO MONTANA AFB
STATION NAME

59-67
YEARS

4UG
MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

ALL
HOURS 1-24

CEILING (FEET)	VISIBILITY (STATUTE MILES)															
	≥10	≥6	≥5	≥4	≥3	≥2½	≥2	≥1½	≥1¼	≥1	¾	¾	¾	¾	≥5/16	≥0
NO CEILING	70.0	70.4	70.6	70.6	70.6	70.6	70.6	70.6	70.6	70.6	70.6	70.6	70.6	70.6	70.6	70.6
≥ 20000	78.0	78.6	78.8	78.8	78.8	78.8	78.8	78.8	78.8	78.8	78.8	78.8	78.8	78.8	78.8	78.8
≥ 18000	78.1	78.7	78.8	78.9	78.9	78.9	78.9	78.9	78.9	78.9	78.9	78.9	78.9	78.9	78.9	78.9
≥ 16000	78.1	78.7	78.9	78.9	78.9	78.9	78.9	78.9	78.9	78.9	78.9	78.9	78.9	78.9	78.9	78.9
≥ 14000	78.3	78.8	79.0	79.0	79.0	79.0	79.0	79.0	79.0	79.0	79.0	79.0	79.0	79.0	79.0	79.0
≥ 12000	80.1	80.7	80.8	80.9	80.9	80.9	80.9	80.9	80.9	80.9	80.9	80.9	80.9	80.9	80.9	80.9
≥ 10000	83.2	83.8	84.0	84.0	84.0	84.0	84.0	84.0	84.0	84.0	84.0	84.0	84.0	84.0	84.0	84.0
≥ 9000	84.1	84.7	84.9	84.9	84.9	84.9	84.9	84.9	84.9	84.9	84.9	84.9	84.9	84.9	84.9	84.9
≥ 8000	86.6	87.3	87.4	87.5	87.5	87.5	87.5	87.5	87.5	87.5	87.5	87.5	87.5	87.5	87.5	87.5
≥ 7000	87.8	88.5	88.7	88.7	88.7	88.7	88.7	88.7	88.7	88.7	88.7	88.7	88.7	88.7	88.7	88.7
≥ 6000	90.1	90.8	91.0	91.1	91.1	91.1	91.1	91.1	91.1	91.1	91.1	91.1	91.1	91.1	91.1	91.1
≥ 5000	92.1	93.0	93.2	93.2	93.2	93.2	93.2	93.3	93.3	93.3	93.3	93.3	93.3	93.3	93.3	93.3
≥ 4500	92.7	93.5	93.8	93.8	93.8	93.8	93.8	93.9	93.9	93.9	93.9	93.9	93.9	93.9	93.9	93.9
≥ 4000	93.8	94.7	95.0	95.0	95.1	95.1	95.1	95.1	95.1	95.1	95.1	95.1	95.1	95.1	95.1	95.1
≥ 3500	94.2	95.1	95.4	95.4	95.5	95.5	95.5	95.5	95.5	95.5	95.5	95.5	95.5	95.5	95.5	95.5
≥ 3000	95.0	96.0	96.2	96.3	96.3	96.3	96.3	96.3	96.3	96.3	96.3	96.3	96.3	96.3	96.3	96.3
≥ 2500	95.6	96.6	96.8	96.8	96.9	96.9	96.9	96.9	96.9	96.9	96.9	96.9	96.9	96.9	96.9	96.9
≥ 2000	96.0	97.0	97.3	97.3	97.4	97.4	97.4	97.4	97.4	97.4	97.4	97.4	97.4	97.4	97.4	97.4
≥ 1800	96.2	97.2	97.5	97.5	97.5	97.5	97.6	97.6	97.6	97.6	97.6	97.6	97.6	97.6	97.6	97.6
≥ 1500	96.8	97.8	98.1	98.1	98.2	98.2	98.2	98.2	98.2	98.2	98.2	98.2	98.2	98.2	98.2	98.2
≥ 1200	97.0	98.1	98.4	98.4	98.5	98.5	98.5	98.5	98.5	98.5	98.5	98.5	98.5	98.5	98.5	98.5
≥ 1000	97.3	98.4	98.7	98.8	98.8	98.8	98.8	98.9	98.9	98.9	98.9	98.9	98.9	98.9	98.9	98.9
≥ 900	97.5	98.7	99.0	99.1	99.1	99.1	99.1	99.1	99.1	99.1	99.1	99.1	99.1	99.1	99.1	99.1
≥ 800	97.6	98.9	99.2	99.2	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3
≥ 700	97.7	99.0	99.3	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4
≥ 600	97.7	99.1	99.4	99.4	99.5	99.5	99.5	99.5	99.5	99.5	99.5	99.5	99.5	99.5	99.5	99.5
≥ 500	97.8	99.1	99.5	99.5	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6
≥ 400	97.8	99.2	99.6	99.6	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7
≥ 300	97.9	99.2	99.6	99.6	99.7	99.7	99.7	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8
≥ 200	97.9	99.2	99.6	99.6	99.7	99.7	99.7	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8
≥ 100	97.9	99.2	99.6	99.6	99.7	99.7	99.7	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8
≥ 0	97.9	99.2	99.6	99.6	99.7	99.7	99.7	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8

TOTAL NUMBER OF OBSERVATIONS 6696

2
DATA PROCESSING DIVISION
USAF ETAC
AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

94010 STATION GLASGOW MONTANA AFB

59-67

YEARS

SEP

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

ALL
HOURS

CEILING (FEET)	VISIBILITY (STATUTE MILES)															
	≥10	≥6	≥5	≥4	≥3	≥2½	≥2	≥1½	≥1¼	≥1	¾	¾	¾	¾	≥5/16	≥0
NO CEILING	60.5	60.5	60.5	60.5	60.5	60.5	60.6	60.6	60.6	60.6	60.6	60.6	60.6	60.6	60.6	60.6
≥20000	68.7	68.7	68.7	68.7	68.7	68.7	68.8	68.8	68.8	68.8	68.8	68.8	68.8	68.8	68.8	68.8
≥18000	68.7	68.7	68.7	68.7	68.7	68.7	68.8	68.8	68.8	68.8	68.8	68.8	68.8	68.8	68.8	68.8
≥16000	68.7	68.7	68.7	68.7	68.7	68.7	68.8	68.8	68.8	68.8	68.8	68.8	68.8	68.8	68.8	68.8
≥14000	69.1	69.1	69.1	69.1	69.1	69.1	69.2	69.2	69.2	69.2	69.2	69.2	69.2	69.2	69.2	69.2
≥12000	72.6	72.6	72.7	72.7	72.7	72.7	72.7	72.7	72.7	72.7	72.7	72.7	72.7	72.7	72.7	72.7
≥10000	76.1	76.2	76.2	76.2	76.2	76.2	76.3	76.3	76.3	76.3	76.3	76.3	76.3	76.3	76.3	76.3
≥9000	77.2	77.2	77.3	77.3	77.3	77.3	77.3	77.4	77.4	77.4	77.4	77.4	77.4	77.4	77.4	77.4
≥8000	78.9	79.0	79.1	79.1	79.1	79.1	79.1	79.2	79.2	79.2	79.2	79.2	79.2	79.2	79.2	79.2
≥7000	80.4	80.5	80.6	80.6	80.6	80.6	80.7	80.7	80.7	80.7	80.7	80.7	80.7	80.7	80.7	80.7
≥6000	82.5	82.7	82.8	82.8	82.8	82.8	82.9	82.9	82.9	82.9	82.9	82.9	82.9	82.9	82.9	82.9
≥5000	84.6	85.0	85.1	85.1	85.1	85.1	85.2	85.2	85.2	85.2	85.2	85.2	85.2	85.2	85.2	85.2
≥4500	85.5	85.9	86.0	86.1	86.1	86.1	86.1	86.2	86.2	86.2	86.2	86.2	86.2	86.2	86.2	86.2
≥4000	87.4	87.8	88.0	88.0	88.0	88.0	88.1	88.1	88.1	88.1	88.1	88.1	88.1	88.1	88.1	88.1
≥3500	88.3	88.8	88.9	89.0	89.0	89.0	89.0	89.1	89.1	89.1	89.1	89.1	89.1	89.1	89.1	89.1
≥3000	89.3	89.8	89.9	90.0	90.0	90.0	90.1	90.1	90.1	90.1	90.1	90.1	90.1	90.1	90.1	90.1
≥2500	90.7	91.2	91.4	91.4	91.4	91.4	91.5	91.5	91.5	91.5	91.6	91.6	91.6	91.6	91.6	91.6
≥2000	92.3	92.9	93.1	93.2	93.2	93.2	93.3	93.3	93.3	93.3	93.3	93.3	93.3	93.3	93.3	93.3
≥1800	92.9	93.6	93.8	93.8	93.8	93.8	94.0	94.0	94.0	94.0	94.0	94.0	94.0	94.0	94.0	94.0
≥1500	94.0	94.7	94.9	95.0	95.0	95.0	95.1	95.1	95.1	95.1	95.1	95.1	95.1	95.1	95.1	95.1
≥1200	94.6	95.6	95.8	95.9	95.9	95.9	96.1	96.1	96.1	96.1	96.1	96.1	96.1	96.1	96.1	96.1
≥1000	95.4	96.4	96.7	96.8	96.9	96.9	97.1	97.1	97.1	97.2	97.2	97.2	97.2	97.2	97.2	97.2
≥900	95.5	96.6	96.9	97.1	97.2	97.2	97.4	97.5	97.5	97.5	97.5	97.5	97.5	97.6	97.6	97.6
≥800	95.8	97.1	97.4	97.6	97.8	97.8	98.1	98.1	98.1	98.1	98.2	98.2	98.2	98.2	98.2	98.2
≥700	96.0	97.3	97.8	98.0	98.2	98.2	98.4	98.5	98.5	98.5	98.5	98.5	98.5	98.6	98.6	98.6
≥600	96.4	97.8	98.2	98.5	98.7	98.7	99.0	99.0	99.0	99.0	99.1	99.1	99.1	99.2	99.2	99.2
≥500	96.5	97.9	98.3	98.5	98.8	98.8	99.1	99.1	99.1	99.2	99.3	99.3	99.3	99.4	99.4	99.4
≥400	96.5	97.9	98.5	98.7	99.0	99.0	99.3	99.3	99.3	99.4	99.5	99.5	99.5	99.6	99.6	99.6
≥300	96.7	98.1	98.7	98.9	99.2	99.2	99.6	99.6	99.6	99.8	99.8	99.8	99.8	99.9	99.9	99.9
≥200	96.7	98.2	98.7	99.0	99.2	99.3	99.6	99.6	99.6	99.8	99.8	99.8	99.8	99.9	99.9	99.9
≥100	96.7	98.2	98.7	99.0	99.3	99.3	99.6	99.6	99.6	99.8	99.8	99.8	99.8	99.9	99.9	99.9
≥0	96.7	98.2	98.7	99.0	99.3	99.3	99.6	99.6	99.6	99.8	99.8	99.8	99.8	99.9	99.9	99.9

TOTAL NUMBER OF OBSERVATIONS 6480

2
DATA PROCESSING DIVISION
USAF ETAC
AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

94010
STATION

GLASGOW MONTANA AFB
STATION NAME

59-67
YEARS

LCY
MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

ALL
MONTHS

CEILING (FEET)	VISIBILITY (STATUTE MILES)															
	≥ 10	≥ 6	≥ 5	≥ 4	≥ 3	≥ 2½	≥ 2	≥ 1½	≥ 1¼	≥ 1	≥ ¾	≥ ½	≥ ¼	≥ 1/16	≥ 1/8	≥ 0
NO CEILING	61.8	61.9	61.9	62.0	62.0	62.0	62.0	62.0	62.0	62.0	62.0	62.0	62.0	62.0	62.1	62.1
≥ 20000	72.4	72.6	72.6	72.7	72.7	72.7	72.7	72.7	72.7	72.7	72.7	72.7	72.7	72.7	72.8	72.8
≥ 18000	72.4	72.6	72.6	72.7	72.7	72.7	72.7	72.7	72.7	72.7	72.7	72.7	72.7	72.7	72.8	72.8
≥ 16000	72.4	72.6	72.6	72.7	72.7	72.7	72.7	72.7	72.7	72.7	72.7	72.7	72.7	72.7	72.8	72.8
≥ 14000	72.6	72.8	72.9	72.9	72.9	72.9	73.0	73.0	73.0	73.0	73.0	73.0	73.0	73.0	73.1	73.1
≥ 12000	75.0	75.2	75.3	75.3	75.3	75.3	75.3	75.3	75.3	75.4	75.4	75.4	75.4	75.4	75.4	75.4
≥ 10000	79.8	80.0	80.1	80.1	80.1	80.1	80.1	80.1	80.1	80.2	80.2	80.2	80.2	80.2	80.2	80.2
≥ 9000	81.3	81.5	81.5	81.6	81.6	81.6	81.6	81.6	81.6	81.6	81.6	81.6	81.6	81.7	81.7	81.7
≥ 8000	84.1	84.3	84.4	84.5	84.5	84.5	84.5	84.5	84.5	84.5	84.5	84.5	84.5	84.6	84.6	84.6
≥ 7000	85.0	85.2	85.3	85.4	85.4	85.4	85.4	85.4	85.4	85.4	85.4	85.4	85.4	85.5	85.5	85.5
≥ 6000	86.1	86.4	86.4	86.5	86.5	86.5	86.5	86.5	86.5	86.5	86.5	86.5	86.5	86.6	86.6	86.6
≥ 5000	87.7	88.0	88.1	88.2	88.2	88.2	88.2	88.2	88.2	88.2	88.2	88.2	88.2	88.3	88.3	88.3
≥ 4500	88.2	88.5	88.6	88.7	88.7	88.7	88.7	88.7	88.7	88.7	88.7	88.7	88.7	88.8	88.8	88.8
≥ 4000	89.3	89.7	89.9	89.9	89.9	89.9	90.0	90.0	90.0	90.0	90.0	90.0	90.0	90.0	90.1	90.1
≥ 3500	89.8	90.2	90.3	90.4	90.4	90.4	90.4	90.4	90.4	90.4	90.4	90.4	90.4	90.5	90.5	90.5
≥ 3000	90.5	90.9	91.1	91.1	91.2	91.2	91.2	91.2	91.2	91.2	91.2	91.2	91.2	91.2	91.3	91.3
≥ 2500	91.6	92.1	92.2	92.4	92.4	92.4	92.4	92.4	92.4	92.5	92.5	92.5	92.5	92.5	92.5	92.5
≥ 2000	92.3	92.8	93.0	93.1	93.2	93.2	93.2	93.2	93.2	93.2	93.2	93.2	93.2	93.4	93.4	93.4
≥ 1800	92.7	93.2	93.4	93.5	93.6	93.6	93.6	93.6	93.6	93.7	93.7	93.7	93.7	93.8	93.8	93.8
≥ 1500	93.6	94.3	94.5	94.6	94.6	94.6	94.7	94.7	94.7	94.7	94.7	94.7	94.7	94.8	94.9	94.9
≥ 1200	94.2	95.0	95.3	95.5	95.6	95.6	95.7	95.7	95.7	95.7	95.7	95.7	95.7	95.8	95.9	95.9
≥ 1000	94.6	95.6	95.9	96.2	96.2	96.2	96.3	96.4	96.4	96.4	96.4	96.4	96.4	96.5	96.6	96.6
≥ 900	94.8	95.8	96.1	96.4	96.4	96.4	96.5	96.5	96.5	96.6	96.6	96.6	96.6	96.7	96.7	96.8
≥ 800	95.0	96.0	96.4	96.7	96.7	96.7	96.8	96.9	96.9	96.9	96.9	96.9	96.9	97.0	97.0	97.1
≥ 700	95.1	96.2	96.6	96.9	97.0	97.0	97.0	97.1	97.1	97.2	97.2	97.2	97.2	97.3	97.3	97.4
≥ 600	95.2	96.4	96.8	97.1	97.3	97.3	97.6	97.7	97.7	97.8	97.8	97.8	97.8	97.9	98.0	98.0
≥ 500	95.3	96.7	97.1	97.4	97.6	97.6	98.0	98.1	98.1	98.1	98.2	98.2	98.2	98.3	98.4	98.4
≥ 400	95.5	96.8	97.4	97.7	97.8	97.8	98.3	98.4	98.4	98.5	98.6	98.6	98.6	98.7	98.8	98.8
≥ 300	95.5	96.9	97.4	97.7	98.0	98.0	98.4	98.5	98.5	98.7	98.9	98.9	98.9	99.1	99.1	99.2
≥ 200	95.6	97.0	97.5	97.8	98.1	98.1	98.5	98.7	98.7	98.9	99.1	99.1	99.1	99.3	99.3	99.4
≥ 100	95.6	97.0	97.6	97.9	98.2	98.2	98.6	98.7	98.7	98.9	99.3	99.3	99.3	99.6	99.6	99.7
≥ 0	95.6	97.0	97.6	97.9	98.2	98.2	98.6	98.7	98.7	99.0	99.4	99.4	99.4	99.7	99.8	100.0

TOTAL NUMBER OF OBSERVATIONS 6696

USAFETAC FORM 0-14-5 (OL 1) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

2

DATA PROCESSING DIVISION
USAF ETAC
AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

96010

GLASSBORO MONTANA AFB

59-67

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

CEILING (FEET)	VISIBILITY (STATUTE MILES)															
	≥ 10	≥ 6	≥ 5	≥ 4	≥ 3	≥ 2.5	≥ 2	≥ 1.5	≥ 1.25	≥ 1	≥ .75	≥ .5	≥ .25	≥ .16	≥ .1	≥ 0
NO CEILING	53.3	53.8	54.1	54.1	54.1	54.1	54.1	54.1	54.1	54.1	54.1	54.2	54.3	54.3	54.4	54.4
≥ 20000	63.7	64.2	64.5	64.5	64.5	64.6	64.6	64.6	64.6	64.6	64.6	64.7	64.8	64.8	64.9	64.9
≥ 18000	63.7	64.2	64.5	64.5	64.6	64.6	64.6	64.6	64.6	64.6	64.6	64.7	64.8	64.8	64.9	64.9
≥ 16000	63.7	64.3	64.6	64.6	64.6	64.7	64.7	64.7	64.7	64.7	64.7	64.7	64.8	64.8	64.9	64.9
≥ 14000	64.2	64.7	65.0	65.0	65.0	65.1	65.1	65.1	65.1	65.1	65.1	65.2	65.3	65.3	65.4	65.4
≥ 12000	67.1	67.7	68.0	68.0	68.0	68.1	68.1	68.1	68.1	68.1	68.1	68.1	68.2	68.2	68.3	68.3
≥ 10000	71.5	72.1	72.4	72.4	72.5	72.5	72.5	72.5	72.5	72.5	72.5	72.6	72.6	72.7	72.7	72.8
≥ 9000	72.0	72.5	72.9	72.9	72.9	73.0	73.0	73.1	73.1	73.1	73.1	73.1	73.2	73.2	73.3	73.3
≥ 8000	74.5	74.9	75.3	75.3	75.3	75.4	75.4	75.4	75.4	75.4	75.5	75.5	75.6	75.6	75.7	75.7
≥ 7000	76.0	76.7	77.0	77.1	77.1	77.2	77.2	77.3	77.3	77.3	77.3	77.3	77.4	77.4	77.5	77.5
≥ 6000	77.9	78.7	79.0	79.0	79.1	79.2	79.3	79.3	79.3	79.3	79.3	79.3	79.4	79.4	79.5	79.5
≥ 5000	79.3	80.0	80.4	80.4	80.6	80.7	80.8	80.8	80.8	80.8	80.8	80.8	80.9	80.9	81.0	81.0
≥ 4500	79.7	80.6	81.0	81.0	81.2	81.2	81.3	81.3	81.3	81.4	81.4	81.4	81.5	81.5	81.6	81.6
≥ 4000	80.9	81.8	82.3	82.3	82.5	82.5	82.7	82.7	82.7	82.7	82.7	82.7	82.9	82.9	83.0	83.0
≥ 3500	81.6	82.6	83.1	83.1	83.3	83.3	83.5	83.5	83.5	83.5	83.5	83.6	83.7	83.7	83.8	83.8
≥ 3000	83.0	84.1	84.7	84.7	85.0	85.1	85.2	85.3	85.3	85.3	85.3	85.4	85.5	85.5	85.6	85.6
≥ 2500	84.2	85.5	86.1	86.2	86.5	86.6	86.8	86.8	86.8	86.9	86.9	86.9	87.0	87.0	87.1	87.1
≥ 2000	85.5	86.9	87.6	87.8	88.2	88.3	88.5	88.5	88.5	88.6	88.6	88.7	88.8	88.8	88.9	88.9
≥ 1800	86.0	87.4	88.2	88.3	88.7	88.8	89.0	89.1	89.1	89.2	89.2	89.2	89.4	89.4	89.5	89.5
≥ 1500	87.2	88.8	89.6	89.8	90.2	90.3	90.6	90.7	90.7	90.9	90.9	91.0	91.1	91.1	91.2	91.2
≥ 1200	88.0	89.7	90.6	90.7	91.2	91.4	91.7	91.7	91.8	91.9	92.1	92.1	92.2	92.2	92.3	92.3
≥ 1000	88.8	90.9	91.8	92.0	92.5	92.7	93.1	93.2	93.4	93.6	93.8	93.8	94.1	94.1	94.2	94.2
≥ 900	88.9	91.0	91.9	92.1	92.7	92.8	93.2	93.4	93.4	93.9	94.0	94.1	94.4	94.4	94.5	94.5
≥ 800	89.2	91.3	92.2	92.4	93.0	93.1	93.6	93.7	93.8	94.3	94.5	94.5	94.9	94.9	95.0	95.0
≥ 700	89.5	91.7	92.6	92.9	93.4	93.6	94.1	94.2	94.3	94.8	95.0	95.1	95.4	95.4	95.5	95.5
≥ 600	89.7	91.9	92.9	93.1	93.7	93.9	94.4	94.6	94.7	95.2	95.5	95.5	95.9	95.9	96.0	96.0
≥ 500	90.0	92.3	93.3	93.6	94.2	94.4	94.9	95.1	95.2	95.8	96.1	96.1	96.6	96.6	96.8	96.8
≥ 400	90.3	92.6	93.6	93.9	94.5	94.7	95.2	95.3	95.6	96.2	96.5	96.5	97.1	97.1	97.2	97.2
≥ 300	90.6	93.1	94.1	94.4	95.1	95.2	95.8	96.1	96.2	96.9	97.2	97.2	97.7	97.7	97.9	97.9
≥ 200	90.7	93.2	94.3	94.6	95.3	95.4	96.1	96.4	96.5	97.2	97.6	97.7	98.3	98.3	98.6	98.7
≥ 100	90.7	93.2	94.3	94.7	95.4	95.6	96.3	96.6	96.6	97.5	98.0	98.0	98.7	98.8	99.2	99.4
≥ 0	90.7	93.2	94.3	94.7	95.4	95.6	96.3	96.6	96.7	97.5	98.0	98.0	98.8	98.8	99.3	100.0

TOTAL NUMBER OF OBSERVATIONS 6480

USAFETAC FORM 0-14-5 (OL 1) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

2

DATA PROCESSING DIVISION
USAF ETAC
AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

94010
STATIONGLASGOW MONTANA AFB
STATION NAME59-67
YEARSCEC
MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

ALL
MONTHS

CEILING (FEET)	VISIBILITY (STATUTE MILES)															
	≥ 10	≥ 6	≥ 5	≥ 4	≥ 3	≥ 2.5	≥ 2	≥ 1.5	≥ 1.25	≥ 1	≥ .75	≥ .5	≥ .25	≥ .16	≥ .1	≥ 0
NO CEILING	49.4	49.9	50.4	50.5	50.7	50.7	50.8	50.9	50.9	51.0	51.1	51.1	51.2	51.2	51.3	51.4
≥ 20000	60.1	60.6	61.2	61.4	61.5	61.5	61.6	61.7	61.7	61.8	62.0	62.0	62.1	62.2	62.3	62.4
≥ 18000	60.1	60.7	61.2	61.4	61.5	61.5	61.7	61.7	61.8	61.9	62.0	62.0	62.1	62.2	62.3	62.4
≥ 16000	60.1	60.7	61.2	61.4	61.5	61.5	61.7	61.7	61.8	61.9	62.0	62.0	62.1	62.2	62.3	62.4
≥ 14000	60.2	60.8	61.4	61.5	61.7	61.7	61.8	61.9	61.9	62.0	62.2	62.2	62.3	62.3	62.4	62.6
≥ 12000	61.3	61.9	62.5	62.6	62.8	62.8	62.9	63.0	63.0	63.1	63.3	63.3	63.4	63.4	63.5	63.7
≥ 10000	66.0	66.7	67.2	67.4	67.6	67.6	67.7	67.8	67.8	67.9	68.0	68.0	68.2	68.2	68.3	68.5
≥ 9000	67.7	68.4	69.1	69.3	69.4	69.4	69.6	69.6	69.7	69.8	69.9	69.9	70.0	70.1	70.2	70.3
≥ 8000	70.4	71.2	72.0	72.2	72.4	72.4	72.6	72.6	72.7	72.8	72.9	72.9	73.1	73.1	73.2	73.4
≥ 7000	72.1	73.0	73.8	74.0	74.3	74.3	74.4	74.6	74.6	74.7	74.8	74.8	75.0	75.0	75.1	75.3
≥ 6000	73.6	74.5	75.3	75.6	75.8	75.8	76.0	76.1	76.1	76.2	76.4	76.4	76.6	76.6	76.7	76.9
≥ 5000	75.1	76.2	77.1	77.4	77.8	77.8	78.0	78.2	78.2	78.3	78.4	78.4	78.6	78.6	78.7	78.9
≥ 4500	75.6	76.7	77.6	77.9	78.3	78.3	78.5	78.7	78.7	78.8	79.0	79.0	79.2	79.2	79.3	79.5
≥ 4000	77.2	78.4	79.4	79.8	80.4	80.4	80.6	80.7	80.8	80.9	81.1	81.1	81.3	81.3	81.4	81.6
≥ 3500	77.6	78.8	79.9	80.3	80.8	80.9	81.1	81.3	81.3	81.4	81.6	81.6	81.8	81.8	81.9	82.1
≥ 3000	78.4	79.8	80.9	81.4	82.0	82.0	82.3	82.3	82.5	82.6	82.8	82.8	83.0	83.1	83.2	83.3
≥ 2500	78.9	80.3	81.5	82.1	82.7	82.8	83.1	83.3	83.3	83.5	83.7	83.7	83.9	83.9	84.0	84.2
≥ 2000	79.6	81.1	82.6	83.2	83.9	83.9	84.3	84.5	84.5	84.7	85.0	85.0	85.2	85.2	85.3	85.5
≥ 1800	80.0	81.6	83.0	83.6	84.4	84.4	84.8	85.1	85.1	85.3	85.5	85.5	85.8	85.8	85.9	86.1
≥ 1500	80.8	82.4	84.0	84.7	85.4	85.5	85.9	86.2	86.3	86.5	86.8	86.8	87.0	87.1	87.2	87.3
≥ 1200	81.1	82.9	84.5	85.2	86.1	86.2	86.6	87.0	87.0	87.3	87.7	87.7	88.1	88.2	88.2	88.4
≥ 1000	81.8	83.8	85.6	86.4	87.3	87.5	88.0	88.4	88.5	88.9	89.3	89.3	89.7	89.9	90.0	90.2
≥ 900	82.2	84.2	86.1	87.0	87.9	88.0	88.6	89.0	89.1	89.6	90.0	90.1	90.5	90.7	90.8	91.0
≥ 800	82.8	84.9	86.8	87.8	88.7	88.8	89.4	89.9	89.9	90.4	90.9	91.0	91.5	91.7	91.8	92.0
≥ 700	83.0	85.2	87.1	88.1	89.1	89.3	89.9	90.4	90.5	91.0	91.6	91.7	92.2	92.4	92.6	92.8
≥ 600	83.2	85.5	87.5	88.5	89.6	89.8	90.4	90.9	90.9	91.5	92.1	92.3	92.8	93.0	93.2	93.4
≥ 500	83.7	86.0	88.2	89.2	90.4	90.5	91.3	91.8	91.9	92.6	93.3	93.4	94.0	94.2	94.4	94.6
≥ 400	84.1	86.5	88.7	89.7	90.9	91.1	92.0	92.6	92.7	93.4	94.2	94.3	95.0	95.2	95.4	95.7
≥ 300	84.3	86.8	89.0	90.1	91.3	91.5	92.4	93.2	93.3	94.1	95.0	95.1	95.8	96.1	96.4	96.7
≥ 200	84.3	86.9	89.2	90.3	91.7	91.8	92.7	93.6	93.8	94.8	95.7	95.9	96.6	97.0	97.3	97.7
≥ 100	84.3	86.9	89.2	90.4	91.8	92.0	92.9	93.8	94.0	95.1	96.2	96.4	97.4	97.8	98.2	99.0
≥ 0	84.3	86.9	89.2	90.4	91.8	92.0	92.9	93.8	94.0	95.1	96.2	96.5	97.4	97.8	98.3	100.0

TOTAL NUMBER OF OBSERVATIONS 6696

USAFETAC FORM 0-14-5 (O 1) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

DATA PROCESSING DIVISION
USAF ETAC
AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

94010
STATION

GLASGOW MONTANA AFB
STATION NAME

60-68
YEARS

JAN
MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

0000-0200
HOURS

CEILING (FEET)	VISIBILITY (STATUTE MILES)															
	≥10	≥6	≥5	≥4	≥3	≥2½	≥2	≥1½	≥1¼	≥1	¾	¾	¾	≥5/16	¾	≥0
NO CEILING	52.4	54.1	54.7	54.7	55.3	55.3	55.4	55.7	55.7	56.2	56.3	56.3	56.3	56.5	56.5	56.6
≥ 20000	62.2	64.0	64.6	64.8	65.4	65.4	65.5	65.7	65.7	66.2	66.3	66.3	66.3	66.5	66.5	66.7
≥ 18000	62.2	64.0	64.6	64.8	65.4	65.4	65.5	65.7	65.7	66.2	66.3	66.3	66.3	66.5	66.5	66.7
≥ 16000	62.4	64.2	64.8	64.9	65.5	65.5	65.6	65.8	65.8	66.3	66.4	66.4	66.4	66.7	66.7	66.8
≥ 14000	62.4	64.2	64.8	64.9	65.5	65.5	65.6	65.8	65.8	66.3	66.4	66.4	66.4	66.7	66.7	66.8
≥ 12000	64.2	65.9	66.5	66.7	67.3	67.3	67.4	67.6	67.6	68.1	68.2	68.2	68.2	68.5	68.5	68.6
≥ 10000	66.1	67.9	68.5	68.7	69.3	69.3	69.4	69.7	69.7	70.1	70.3	70.3	70.3	70.5	70.5	70.6
≥ 9000	67.0	68.8	69.4	69.7	70.3	70.3	70.4	70.6	70.6	71.2	71.3	71.3	71.3	71.6	71.6	71.7
≥ 8000	69.1	71.0	71.7	71.9	72.8	72.8	72.9	73.1	73.1	73.7	73.8	73.8	73.8	74.1	74.1	74.2
≥ 7000	71.1	73.1	73.8	74.1	74.9	74.9	75.0	75.3	75.3	75.9	76.0	76.0	76.0	76.2	76.2	76.3
≥ 6000	72.6	74.9	76.1	76.3	77.2	77.2	77.3	77.8	77.8	78.4	78.5	78.5	78.5	78.7	78.7	78.9
≥ 5000	73.6	75.9	77.4	77.7	78.6	78.6	79.0	79.2	79.2	79.8	79.9	79.9	79.9	80.2	80.2	80.3
≥ 4500	74.3	76.6	78.1	78.4	79.3	79.3	79.7	79.9	79.9	80.5	80.6	80.6	80.6	80.9	80.9	81.0
≥ 4000	75.6	78.0	79.6	79.9	81.1	81.1	81.6	81.8	81.8	82.4	82.6	82.6	82.6	82.8	82.8	82.9
≥ 3500	75.7	78.1	79.9	80.3	81.5	81.6	82.2	82.4	82.4	83.0	83.2	83.2	83.2	83.4	83.4	83.5
≥ 3000	76.3	78.7	80.5	80.9	82.4	82.6	83.2	83.5	83.5	84.1	84.2	84.2	84.2	84.5	84.5	84.6
≥ 2500	76.8	79.3	81.1	81.5	83.0	83.2	83.8	84.1	84.1	84.7	84.8	84.8	84.8	85.1	85.1	85.2
≥ 2000	78.0	80.5	82.6	82.9	84.7	84.8	85.4	85.8	85.8	86.4	86.5	86.5	86.5	86.7	86.7	86.9
≥ 1800	78.3	80.8	82.8	83.3	85.1	85.2	85.8	86.1	86.1	86.7	86.9	86.9	86.9	87.1	87.1	87.2
≥ 1500	78.5	81.0	83.3	83.8	85.8	85.9	86.7	87.1	87.1	87.7	87.8	87.8	87.8	88.1	88.1	88.2
≥ 1200	79.0	81.6	84.0	84.5	86.5	86.6	87.8	88.4	88.5	89.2	89.4	89.4	89.4	89.6	89.6	89.7
≥ 1000	80.3	82.9	85.5	86.1	88.4	88.5	89.7	90.3	90.4	91.5	91.6	91.6	91.6	91.9	91.9	92.0
≥ 900	80.3	83.0	85.8	86.4	88.6	88.8	90.0	90.6	90.7	92.1	92.6	92.6	92.6	93.0	93.0	93.1
≥ 800	80.4	83.2	86.3	86.9	89.1	89.2	91.2	91.8	92.0	93.5	94.0	94.0	94.0	94.4	94.4	94.5
≥ 700	80.5	83.3	86.4	87.0	89.2	89.4	91.3	91.9	92.1	93.7	94.3	94.3	94.3	94.6	94.6	94.7
≥ 600	81.1	83.9	87.1	87.7	90.0	90.1	92.0	92.6	92.8	94.6	95.2	95.2	95.2	95.6	95.6	95.7
≥ 500	81.4	84.3	87.6	88.2	90.4	90.6	92.5	93.1	93.3	95.1	95.8	95.8	95.8	96.2	96.2	96.3
≥ 400	81.7	84.8	88.1	88.6	90.9	91.0	92.0	92.5	92.8	95.7	96.8	96.8	96.8	97.3	97.3	97.4
≥ 300	81.8	84.9	88.2	88.8	91.0	91.2	93.1	93.7	93.9	95.8	96.9	96.9	96.9	97.4	97.4	97.6
≥ 200	81.8	84.9	88.2	88.8	91.2	91.3	93.2	93.8	94.0	95.9	97.0	97.1	97.1	97.5	97.5	97.8
≥ 100	81.8	84.9	88.2	88.8	91.3	91.4	93.3	93.9	94.1	96.2	97.4	97.6	97.6	98.0	98.0	98.4
≥ 0	81.8	84.9	88.2	88.8	91.3	91.4	93.3	93.9	94.1	96.2	97.4	97.6	97.6	98.0	98.0	98.9

TOTAL NUMBER OF OBSERVATIONS 837

USAFETAC FORM 0-14-5 (OL 1) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

2

DATA PROCESSING DIVISION
USAF ETAC
AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

94010 STATION GLASGOW MONTANA AFB

60-68 YEARS

JAN MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

0300-0500 HOURS LST

CEILING (FEET)	VISIBILITY (STATUTE MILES)															
	≥ 10	≥ 6	≥ 5	≥ 4	≥ 3	≥ 2½	≥ 2	≥ 1½	≥ 1¼	≥ 1	≥ ¾	≥ ½	≥ ¼	≥ 5/16	≥ ¼	≥ 0
NO CEILING	52.4	53.5	54.4	54.5	54.8	54.8	55.0	55.2	55.2	55.2	55.3	55.3	55.3	55.3	55.7	55.7
≥ 20000	61.9	63.1	64.0	64.2	64.5	64.5	64.6	64.9	64.9	65.1	65.2	65.2	65.2	65.2	65.6	65.6
IV 18000	61.9	63.1	64.0	64.2	64.5	64.5	64.6	64.9	64.9	65.1	65.2	65.2	65.2	65.2	65.6	65.6
IV 16000	61.9	63.1	64.0	64.2	64.5	64.5	64.6	64.9	64.9	65.1	65.2	65.2	65.2	65.2	65.6	65.6
IV 14000	61.9	63.1	64.0	64.2	64.5	64.5	64.6	64.9	64.9	65.1	65.2	65.2	65.2	65.2	65.6	65.6
IV 12000	64.0	65.2	66.2	66.3	66.7	66.7	66.8	67.0	67.0	67.3	67.4	67.4	67.4	67.4	67.7	67.7
IV 10000	67.4	68.8	70.0	70.1	70.5	70.5	70.6	70.8	70.8	71.1	71.2	71.2	71.2	71.2	71.6	71.6
IV 9000	67.7	69.2	70.4	70.5	70.8	70.8	71.0	71.2	71.2	71.4	71.6	71.6	71.6	71.6	71.9	71.9
IV 8000	69.3	70.7	71.9	72.0	72.4	72.4	72.5	72.8	72.8	73.1	73.2	73.2	73.2	73.2	73.6	73.6
IV 7000	70.8	72.3	73.5	73.6	74.0	74.0	74.1	74.3	74.3	74.7	74.8	74.8	74.8	74.8	75.1	75.1
IV 6000	72.3	74.0	75.6	75.7	76.1	76.1	76.5	76.7	76.7	77.1	77.2	77.2	77.2	77.2	77.5	77.5
IV 5000	74.3	76.1	78.0	78.1	78.9	78.9	79.2	79.5	79.5	79.8	79.9	79.9	79.9	79.9	80.3	80.3
IV 4500	74.9	76.7	78.6	78.7	79.5	79.5	79.8	80.0	80.0	80.4	80.5	80.5	80.5	80.5	80.9	80.9
IV 4000	75.4	77.3	79.5	79.7	80.4	80.4	80.8	81.1	81.1	81.5	81.6	81.6	81.6	81.7	82.1	82.1
IV 3500	75.9	77.8	79.9	80.3	81.4	81.5	81.8	82.3	82.3	82.7	82.8	82.8	82.8	82.9	83.3	83.3
IV 3000	76.9	79.0	81.2	81.6	82.9	83.0	83.4	83.9	83.9	84.3	84.5	84.5	84.5	84.6	84.9	84.9
IV 2500	77.5	79.7	82.0	82.3	83.8	83.9	84.2	84.8	84.8	85.3	85.4	85.4	85.4	85.5	85.9	85.9
IV 2000	78.4	80.9	83.3	83.6	85.4	85.5	85.9	86.6	86.6	87.1	87.2	87.2	87.2	87.3	87.7	87.7
IV 1800	78.9	81.5	84.0	84.3	86.1	86.4	86.7	87.5	87.5	87.9	88.1	88.1	88.1	88.2	88.5	88.5
IV 1500	79.3	82.0	84.7	85.1	86.9	87.1	87.6	88.3	88.3	88.8	88.9	88.9	88.9	89.0	89.4	89.4
IV 1200	79.7	82.6	85.7	86.1	88.1	88.3	89.1	90.1	90.1	90.8	90.9	90.9	90.9	91.0	91.4	91.4
IV 1000	80.4	83.6	87.1	87.7	89.8	90.1	90.9	92.0	92.0	93.0	93.2	93.2	93.2	93.3	93.7	93.7
IV 900	80.4	83.6	87.2	87.8	90.0	90.2	91.0	92.4	92.4	93.3	93.7	93.7	93.7	93.8	94.1	94.1
IV 800	80.6	83.9	87.5	88.2	90.3	90.6	91.4	92.7	92.7	93.9	94.3	94.4	94.4	94.5	94.9	94.9
IV 700	81.2	84.6	88.2	88.9	91.0	91.3	92.1	93.7	93.7	94.9	95.2	95.3	95.3	95.6	95.9	95.9
IV 600	81.2	84.6	88.2	89.0	91.2	91.4	92.4	93.9	94.0	95.2	95.6	95.7	95.8	96.1	96.4	96.4
IV 500	81.2	84.6	88.2	89.2	91.4	91.6	92.6	94.3	94.4	95.6	96.1	96.2	96.4	96.7	97.0	97.0
IV 400	81.4	84.8	88.4	89.5	91.8	92.0	93.0	94.6	94.7	96.1	96.7	96.8	97.3	97.5	97.8	97.8
IV 300	81.4	84.8	88.5	89.6	91.9	92.1	93.1	94.7	94.9	96.3	96.9	97.1	97.6	97.8	98.2	98.2
IV 200	81.5	84.9	88.6	89.7	92.0	92.2	93.2	95.0	95.1	96.5	97.1	97.4	97.8	98.1	98.4	98.4
IV 100	81.5	84.9	88.6	89.7	92.0	92.2	93.2	95.1	95.2	96.9	97.6	98.1	98.7	98.9	99.5	99.5
IV 0	81.5	84.9	88.6	89.7	92.0	92.2	93.2	95.1	95.2	96.9	97.6	98.1	98.8	99.0	100.0	100.0

TOTAL NUMBER OF OBSERVATIONS 837

USAFETAC FORM JUL 64 0-14-5 (OL 1) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

DATA PROCESSING DIVISION
USAF ETAC
AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

94010 STATION GLASGOW MONTANA AFB STATION NAME

60-68 YEARS

JAN

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

0600-0800

CEILING (FEET)	VISIBILITY (STATUTE MILES)															
	≥10	≥6	≥5	≥4	≥3	≥2½	≥2	≥1½	≥1¼	≥1	≥¾	≥½	≥¼	≥1/16	≥1	≥0
NO CEILING	46.8	48.3	49.0	49.0	49.1	49.1	49.1	49.2	49.3	49.3	49.3	49.3	49.3	49.3	49.9	49.9
≥ 20000	55.7	57.6	58.8	58.8	58.9	58.9	58.9	59.0	59.1	59.3	59.4	59.4	59.4	59.4	59.9	60.0
≥ 18000	55.7	57.6	58.8	58.8	58.9	58.9	58.9	59.0	59.1	59.3	59.4	59.4	59.4	59.4	59.9	60.0
≥ 16000	55.7	57.6	58.8	58.8	58.9	58.9	58.9	59.0	59.1	59.3	59.4	59.4	59.4	59.4	59.9	60.0
≥ 14000	55.7	57.6	58.8	58.8	58.9	58.9	58.9	59.0	59.1	59.3	59.4	59.4	59.4	59.4	59.9	60.0
≥ 12000	58.1	60.0	61.2	61.2	61.3	61.3	61.3	61.4	61.5	61.6	61.8	61.8	61.8	61.8	62.2	62.4
≥ 10000	61.4	63.6	64.8	64.8	64.9	64.9	64.9	65.0	65.1	65.2	65.4	65.4	65.4	65.5	65.9	66.1
≥ 9000	62.4	64.5	65.8	65.8	66.1	66.1	66.1	66.2	66.3	66.4	66.5	66.5	66.5	66.7	67.1	67.3
≥ 8000	65.1	67.3	68.6	68.6	68.9	68.9	68.9	69.2	69.3	69.4	69.5	69.5	69.5	69.7	70.1	70.3
≥ 7000	66.5	68.9	70.3	70.4	70.7	70.7	70.7	71.0	71.1	71.2	71.3	71.3	71.3	71.4	71.9	72.0
≥ 6000	68.7	71.3	72.8	72.9	73.3	73.3	73.3	73.7	73.8	74.0	74.1	74.1	74.1	74.1	74.8	74.9
≥ 5000	71.6	74.2	75.6	75.9	76.5	76.5	76.5	76.7	76.8	76.9	77.1	77.1	77.1	77.3	77.8	77.9
≥ 4500	71.8	74.4	75.9	76.1	76.7	76.7	76.7	76.9	77.1	77.2	77.3	77.3	77.3	77.5	78.0	78.1
≥ 4000	72.3	75.4	76.8	77.1	77.8	77.8	77.9	78.1	78.3	78.4	78.5	78.5	78.6	79.0	79.5	79.6
≥ 3500	72.9	76.3	78.0	78.4	79.3	79.3	79.6	79.8	79.9	80.0	80.2	80.2	80.3	80.6	81.1	81.2
≥ 3000	74.1	77.7	79.3	79.7	80.6	80.6	81.0	81.2	81.4	81.5	81.6	81.6	81.7	82.1	82.6	82.7
≥ 2500	74.6	78.3	80.2	80.6	81.6	81.6	82.0	82.2	82.3	82.4	82.6	82.6	82.7	83.0	83.5	83.6
≥ 2000	75.6	79.3	81.5	82.0	82.9	82.9	83.3	83.5	83.6	83.8	83.9	83.9	84.0	84.3	84.8	84.9
≥ 1800	75.9	79.7	81.7	82.2	83.2	83.2	83.5	83.9	84.0	84.1	84.2	84.2	84.3	84.7	85.2	85.3
≥ 1500	76.3	80.4	82.4	83.0	84.1	84.2	84.7	85.1	85.2	85.4	85.8	85.8	85.9	86.3	86.7	86.9
≥ 1200	76.7	81.2	83.4	84.0	85.2	85.3	86.0	86.4	86.5	86.9	87.5	87.5	87.6	87.9	88.4	88.5
≥ 1000	77.5	82.4	84.7	85.3	86.5	86.6	87.8	88.3	88.4	89.0	89.7	89.7	89.8	90.2	90.7	90.8
≥ 900	77.5	82.4	84.7	85.3	86.5	86.6	87.9	88.5	88.6	89.4	90.1	90.1	90.2	90.6	91.0	91.2
≥ 800	77.9	82.8	85.1	85.7	86.9	87.0	88.4	89.2	89.4	90.2	91.0	91.0	91.2	91.5	92.0	92.1
≥ 700	78.3	83.3	86.1	86.7	88.1	88.4	89.8	90.7	90.8	91.8	92.7	92.7	93.0	93.3	93.8	93.9
≥ 600	78.4	83.9	86.5	87.1	88.5	88.9	90.4	91.3	91.6	92.4	93.4	93.4	93.7	94.0	94.5	94.6
≥ 500	78.7	84.2	86.9	87.5	88.9	89.2	90.8	91.8	91.9	93.1	94.1	94.4	94.9	95.2	95.7	95.8
≥ 400	78.9	84.5	87.1	87.7	89.2	89.6	91.2	92.1	92.2	93.5	94.6	94.9	95.5	95.8	96.3	96.4
≥ 300	79.0	84.6	87.3	87.9	89.6	90.0	91.6	92.7	92.8	94.5	95.6	95.9	96.7	97.0	97.6	97.8
≥ 200	79.0	84.6	87.5	88.1	89.7	90.1	91.8	92.8	93.1	95.0	96.2	96.5	97.3	97.6	98.2	98.4
≥ 100	79.0	84.6	87.5	88.1	89.7	90.1	91.8	92.8	93.1	95.1	96.4	96.8	97.5	98.0	98.6	98.8
≥ 0	79.0	84.6	87.5	88.1	89.7	90.1	91.8	92.8	93.2	95.2	96.5	96.9	97.6	98.1	98.8	100.0

TOTAL NUMBER OF OBSERVATIONS 837

DATA PROCESSING DIVISION
USAF ETAC
AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

94010 STATION GLASGOW MONTANA AFB STATION NAME

60-68 YEARS

JAN MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

0900-1100 HOURS LST

CEILING (FEET)	VISIBILITY (STATUTE MILES)															
	≥ 10	≥ 6	≥ 5	≥ 4	≥ 3	≥ 2½	≥ 2	≥ 1½	≥ 1¼	≥ 1	≥ ¾	≥ ½	≥ ¼	≥ 5/16	≥ ¼	≥ 0
NO CEILING	41.3	42.2	43.1	43.5	43.8	44.0	44.2	44.2	44.2	44.2	44.2	44.2	44.4	44.4	44.4	44.6
≥ 20000	54.0	55.4	56.9	57.3	57.7	57.8	58.4	58.4	58.4	58.4	58.4	58.4	58.7	58.7	58.9	59.0
≥ 18000	54.0	55.4	56.9	57.3	57.7	57.8	58.4	58.4	58.4	58.4	58.4	58.4	58.7	58.7	58.9	59.0
≥ 16000	54.2	55.7	57.1	57.6	57.9	58.1	58.7	58.7	58.7	58.7	58.7	58.7	58.9	58.9	59.1	59.3
≥ 14000	54.2	55.7	57.1	57.6	57.9	58.1	58.7	58.7	58.7	58.7	58.7	58.7	58.9	58.9	59.1	59.3
≥ 12000	56.5	57.9	59.4	59.9	60.2	60.3	60.9	60.9	60.9	60.9	60.9	60.9	61.2	61.2	61.4	61.5
≥ 10000	61.3	63.2	64.8	65.4	65.7	65.8	66.5	66.5	66.5	66.7	66.7	66.7	66.9	66.9	67.1	67.3
≥ 9000	61.9	63.9	65.5	66.1	66.4	66.5	67.3	67.3	67.3	67.4	67.4	67.4	67.6	67.6	67.9	68.0
≥ 8000	65.6	68.1	69.7	70.3	70.6	70.7	71.6	71.6	71.6	71.7	71.7	71.7	71.9	71.9	72.2	72.4
≥ 7000	67.6	70.3	71.8	72.4	72.8	72.9	74.1	74.1	74.1	74.2	74.2	74.2	74.4	74.4	74.7	74.9
≥ 6000	68.9	71.7	73.4	74.0	74.3	74.4	75.6	75.6	75.6	75.7	75.7	75.7	76.0	76.0	76.2	76.5
≥ 5000	70.8	73.8	75.7	76.3	76.7	76.9	78.4	78.4	78.4	78.5	78.6	78.6	78.9	78.9	79.1	79.3
≥ 4500	70.8	73.8	75.7	76.3	76.7	76.9	78.5	78.5	78.6	78.7	78.9	78.9	79.1	79.1	79.3	79.6
≥ 4000	71.8	74.8	76.8	77.4	77.8	78.0	79.6	79.6	79.8	79.9	80.0	80.3	80.3	80.3	80.8	81.0
≥ 3500	71.9	74.9	77.1	77.7	78.0	78.3	79.9	80.3	80.4	80.5	80.8	80.8	81.0	81.0	81.2	81.5
≥ 3000	72.2	75.3	78.0	78.7	79.1	79.5	81.1	81.6	81.7	82.0	82.3	82.3	82.6	82.6	82.8	83.0
≥ 2500	73.0	76.1	79.2	79.9	80.3	80.6	82.3	82.8	82.9	83.2	83.5	83.5	83.8	83.8	84.0	84.2
≥ 2000	73.6	76.7	80.2	81.0	81.7	82.1	83.8	84.2	84.3	84.6	84.9	84.9	85.2	85.2	85.4	85.7
≥ 1800	73.6	76.8	80.3	81.1	81.8	82.2	84.0	84.5	84.6	84.8	85.2	85.2	85.4	85.4	85.7	85.9
≥ 1500	73.6	76.8	80.3	81.1	82.0	82.3	84.1	84.9	85.1	85.5	86.1	86.1	86.4	86.4	86.6	86.9
≥ 1200	74.1	77.4	81.1	82.1	82.9	83.4	85.3	86.4	86.5	87.0	87.7	87.7	87.9	87.9	88.2	88.4
≥ 1000	75.0	78.7	82.6	83.5	84.3	84.8	86.7	87.8	88.1	88.5	89.4	89.4	89.6	89.6	89.8	90.1
≥ 900	75.1	78.9	82.7	83.8	84.6	85.1	87.0	88.1	88.3	88.8	89.8	89.8	90.2	90.2	90.4	90.7
≥ 800	75.4	79.3	83.4	84.5	85.4	85.9	87.8	88.9	89.2	89.8	90.9	90.9	91.4	91.4	91.6	91.9
≥ 700	75.9	80.0	84.7	85.8	86.9	87.5	89.6	90.7	91.0	91.9	93.1	93.1	93.5	93.5	93.8	94.0
≥ 600	75.9	80.2	84.8	85.9	87.0	87.6	90.0	91.0	91.5	92.6	94.1	94.1	94.7	94.7	95.1	95.3
≥ 500	76.2	80.5	85.2	86.4	87.5	88.2	90.6	91.8	92.2	93.5	95.2	95.2	95.8	95.8	96.2	96.4
≥ 400	76.3	80.8	85.4	86.6	87.7	88.4	90.8	92.0	92.8	94.1	95.8	95.8	96.4	96.4	96.8	97.0
≥ 300	76.5	80.9	85.5	86.9	88.1	88.8	91.4	92.6	93.4	94.7	96.4	96.4	97.4	97.4	98.0	98.2
≥ 200	76.8	81.0	85.7	87.1	88.3	89.0	91.6	92.8	93.7	95.1	96.8	96.8	98.0	98.0	98.6	98.8
≥ 100	76.5	81.0	85.7	87.1	88.3	89.0	91.8	93.0	93.8	95.2	96.9	96.9	98.1	98.1	98.7	99.5
≥ 0	76.5	81.0	85.7	87.1	88.3	89.0	91.8	92.0	93.8	95.2	97.0	97.0	98.2	98.2	98.8	99.0

TOTAL NUMBER OF OBSERVATIONS 837

2

DATA PROCESSING DIVISION
USAF ETAC
AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

94010
STATIONGLASGOW MONTANA AFB
STATION NAME60-68
YEARSJAN
MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

1200-1400
HOURS LST

CEILING (FEET)	VISIBILITY (STATUTE MILES)															
	≥ 10	≥ 6	≥ 5	≥ 4	≥ 3	≥ 2½	≥ 2	≥ 1½	≥ 1¼	≥ 1	≥ ¾	≥ ½	≥ ¼	≥ 5/16	≥ ¼	≥ 0
NO CEILING	45.5	46.5	47.3	47.7	48.0	48.0	48.0	48.0	48.0	48.0	48.0	48.0	48.0	48.0	48.0	48.4
≥ 20000	60.6	62.2	63.2	63.7	64.2	64.3	64.3	64.3	64.3	64.3	64.3	64.3	64.3	64.3	64.3	65.0
IV 18000	60.6	62.2	63.2	63.7	64.2	64.3	64.3	64.3	64.3	64.3	64.3	64.3	64.3	64.3	64.3	65.0
IV 16000	60.7	62.4	63.3	63.8	64.3	64.4	64.4	64.4	64.4	64.4	64.4	64.4	64.4	64.4	64.8	65.1
IV 14000	61.3	63.0	63.9	64.4	64.9	65.0	65.0	65.0	65.0	65.0	65.0	65.0	65.0	65.0	65.4	65.7
IV 12000	63.7	65.4	66.3	66.8	67.3	67.4	67.4	67.4	67.4	67.4	67.4	67.4	67.4	67.4	67.7	68.1
IV 10000	68.6	70.4	71.4	71.9	72.6	72.8	72.8	72.8	72.9	72.9	73.0	73.0	73.0	73.0	73.4	73.7
IV 9000	69.1	71.0	72.3	72.8	73.5	73.6	73.6	73.6	73.7	73.7	73.8	73.8	73.8	73.8	74.2	74.6
IV 8000	73.2	75.5	76.9	77.4	78.1	78.3	78.3	78.3	78.4	78.4	78.5	78.5	78.5	78.5	78.9	79.2
IV 7000	75.4	78.1	79.7	80.2	81.0	81.1	81.5	81.5	81.6	81.6	81.7	81.7	81.7	81.7	82.1	82.4
IV 6000	76.2	79.0	80.6	81.2	82.1	82.2	82.6	82.7	82.9	82.9	83.0	83.0	83.0	83.0	83.4	83.8
IV 5000	76.9	79.7	81.4	82.0	82.8	82.9	83.5	83.6	84.0	84.1	84.2	84.2	84.2	84.2	84.6	84.9
IV 4500	76.9	79.9	81.6	82.3	83.3	83.4	84.0	84.2	84.6	84.7	84.8	84.8	84.8	84.8	85.2	85.5
IV 4000	78.4	81.4	83.0	83.9	84.8	85.1	85.7	85.9	86.3	86.4	86.5	86.5	86.5	86.5	86.9	87.2
IV 3500	78.5	81.6	83.3	84.1	85.1	85.3	85.9	86.1	86.5	86.6	86.7	86.7	86.7	86.7	87.1	87.5
IV 3000	78.6	81.8	83.9	84.7	85.7	85.9	86.5	86.7	87.1	87.3	87.5	87.5	87.5	87.5	87.8	88.2
IV 2500	78.7	82.3	84.5	85.3	86.4	86.7	87.3	87.6	88.1	88.5	88.6	88.6	88.6	88.6	89.0	89.4
IV 2000	78.9	82.6	84.7	85.5	86.7	87.1	87.8	88.1	88.5	89.0	89.1	89.1	89.1	89.1	89.5	89.8
IV 1800	79.0	82.7	84.8	85.7	86.9	87.2	87.9	88.2	88.6	89.1	89.2	89.2	89.2	89.2	89.6	90.0
IV 1500	79.0	82.9	85.3	86.1	87.3	87.7	88.5	88.8	89.2	89.7	89.8	89.8	89.8	89.8	90.2	90.6
IV 1200	79.8	83.9	86.3	87.1	88.3	88.8	89.6	89.8	90.3	90.8	90.9	90.9	90.9	90.9	91.3	91.6
IV 1000	80.8	85.2	87.9	88.8	90.0	90.4	91.5	92.2	93.0	93.4	93.5	93.5	93.5	93.5	93.9	94.3
IV 900	80.8	85.2	87.9	88.8	90.0	90.4	91.5	92.4	93.1	93.5	93.8	93.8	93.8	93.8	94.1	94.5
IV 800	81.0	85.4	88.3	89.4	90.7	91.2	92.2	93.1	93.8	94.3	94.5	94.5	94.5	94.6	95.0	95.3
IV 700	81.2	85.8	88.9	90.0	91.4	91.9	93.0	94.0	94.7	95.2	95.5	95.5	95.5	95.6	95.9	96.3
IV 600	81.4	85.9	89.0	90.1	91.5	92.0	93.3	94.4	95.1	95.6	95.9	95.9	96.1	96.1	96.4	96.8
IV 500	81.4	86.0	89.5	90.6	92.0	92.5	93.8	94.9	95.6	96.1	96.5	96.5	96.7	96.7	97.3	97.6
IV 400	81.4	86.3	90.2	91.3	92.7	93.2	94.5	95.6	96.3	96.8	97.4	97.4	97.5	97.5	98.1	98.4
IV 300	81.5	86.5	90.4	91.5	93.0	93.4	94.7	95.8	96.5	97.0	97.7	97.8	98.0	98.0	98.6	99.0
IV 200	81.5	86.5	90.4	91.5	93.0	93.4	94.7	95.8	96.5	97.1	97.8	98.0	98.4	98.4	99.0	99.3
IV 100	81.5	86.5	90.4	91.5	93.0	93.4	94.7	95.8	96.5	97.1	97.8	98.1	98.6	98.6	99.2	100.0
IV 0	81.5	86.5	90.4	91.5	93.0	93.4	94.7	95.8	96.5	97.1	97.8	98.1	98.6	98.6	99.2	100.0

TOTAL NUMBER OF OBSERVATIONS 817

USAFETAC FORM 0-14-5 (OL 1) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

DATA PROCESSING DIVISION
USAF ETAC
AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

94010
STATION

GLASGOW MONTANA AFB
STATION NAME

60-68
YEARS

JAN
MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

1500-1700
HOURS LST

CEILING (FEET)	VISIBILITY (STATUTE MILES)															
	≥ 10	≥ 6	≥ 5	≥ 4	≥ 3	≥ 2.5	≥ 2	≥ 1.5	≥ 1.0	≥ 0.5	≥ 0.25	≥ 0.15	≥ 0.1	≥ 0.05	≥ 0.025	≥ 0
NO CEILING	46.1	46.7	46.8	47.2	47.3	47.3	47.4	47.4	47.7	47.7	47.7	47.7	47.9	47.9	48.1	48.4
≥ 20000	62.6	63.4	63.7	64.3	64.4	64.4	64.6	64.8	64.8	65.0	65.0	65.0	65.2	65.2	65.5	65.7
≥ 18000	62.6	63.4	63.7	64.3	64.4	64.4	64.6	64.8	64.8	65.0	65.0	65.0	65.2	65.2	65.5	65.7
≥ 16000	63.0	63.8	64.0	64.6	64.8	64.8	65.0	65.1	65.1	65.4	65.4	65.4	65.6	65.6	65.8	66.1
≥ 14000	63.2	64.0	64.3	64.9	65.0	65.0	65.2	65.4	65.4	65.6	65.6	65.6	65.8	65.8	66.1	66.3
≥ 12000	65.5	66.3	66.5	67.1	67.3	67.3	67.5	67.6	67.6	68.0	68.0	68.0	68.2	68.2	68.5	68.7
≥ 10000	70.1	71.3	71.7	72.3	72.6	72.6	72.9	73.0	73.0	73.5	73.5	73.5	73.7	73.7	74.1	74.3
≥ 9000	70.4	71.6	71.9	72.5	72.9	72.9	73.1	73.2	73.2	73.7	73.7	73.7	74.0	74.0	74.3	74.6
≥ 8000	72.9	74.2	74.6	75.1	75.6	75.6	75.9	76.0	76.0	76.5	76.5	76.5	76.7	76.7	77.1	77.3
≥ 7000	75.0	76.8	77.4	78.0	78.7	78.7	79.0	79.1	79.1	79.7	79.7	79.7	79.9	79.9	80.3	80.5
≥ 6000	76.9	78.7	79.3	79.9	80.8	80.8	81.0	81.1	81.1	81.7	81.7	81.7	82.0	82.0	82.3	82.6
≥ 5000	78.1	79.9	80.5	81.1	82.0	82.0	82.3	82.7	82.7	83.3	83.3	83.3	83.5	83.5	83.9	84.1
≥ 4500	79.0	81.1	81.8	82.4	83.3	83.3	83.6	84.0	84.0	84.6	84.6	84.6	84.8	84.8	85.2	85.4
≥ 4000	80.3	82.4	83.2	83.8	84.6	84.6	84.9	85.7	85.7	86.3	86.3	86.3	86.6	86.6	87.0	87.2
≥ 3500	80.8	82.9	83.6	84.2	85.1	85.1	85.5	86.3	86.3	86.9	86.9	86.9	87.3	87.3	87.7	87.9
≥ 3000	81.2	83.9	84.7	85.4	86.3	86.3	86.9	87.6	87.7	88.4	88.4	88.5	89.0	89.0	89.4	89.6
≥ 2500	81.8	84.7	85.5	86.4	87.3	87.3	88.1	88.8	88.9	89.6	89.7	89.7	90.2	90.2	90.6	90.8
≥ 2000	82.0	84.9	85.9	86.7	88.2	88.2	88.8	89.5	89.6	90.7	90.9	90.9	91.4	91.4	91.8	92.0
≥ 1800	82.2	85.2	86.1	87.0	88.4	88.4	89.0	89.7	89.8	90.9	91.2	91.2	91.6	91.6	92.0	92.2
≥ 1500	82.3	85.8	86.9	87.7	89.4	89.4	90.2	90.9	91.0	92.2	92.5	92.5	93.0	93.0	93.3	93.5
≥ 1200	82.7	86.3	87.5	88.3	90.0	90.0	90.8	91.5	91.6	92.8	93.2	93.2	93.7	93.7	94.0	94.3
≥ 1000	84.0	87.9	89.1	90.0	91.8	91.8	92.7	93.5	93.8	95.3	95.7	95.7	96.2	96.2	96.5	96.8
≥ 900	84.1	88.1	89.2	90.1	91.9	91.9	92.8	93.7	93.9	95.5	95.8	95.8	96.3	96.3	96.7	96.9
≥ 800	84.2	88.2	89.4	90.2	92.0	92.0	93.0	93.8	94.0	95.6	95.9	95.9	96.5	96.5	96.9	97.1
≥ 700	84.5	88.4	89.6	90.4	92.2	92.2	93.2	94.0	94.3	95.8	96.2	96.2	96.8	96.8	97.1	97.4
≥ 600	84.5	88.6	90.0	90.8	92.6	92.6	93.5	94.4	94.6	96.4	96.8	96.8	97.4	97.4	97.7	98.0
≥ 500	84.5	88.6	90.1	90.9	92.7	92.7	93.7	94.5	94.7	96.5	96.9	96.9	97.5	97.5	97.8	98.1
≥ 400	84.6	88.8	90.3	91.2	93.1	93.1	94.0	94.9	95.1	96.9	97.3	97.3	97.8	97.8	98.2	98.4
≥ 300	84.6	88.8	90.3	91.2	93.1	93.1	94.0	94.9	95.1	96.9	97.3	97.3	97.8	97.8	98.2	98.4
≥ 200	84.6	88.8	90.3	91.3	93.2	93.2	94.1	95.0	95.2	97.0	97.4	97.4	98.0	98.0	98.4	98.9
≥ 100	84.6	88.8	90.3	91.3	93.2	93.2	94.1	95.0	95.2	97.0	97.4	97.4	98.0	98.0	98.4	98.9
≥ 0	84.6	88.8	90.3	91.3	93.2	93.2	94.1	95.0	95.2	97.0	97.4	97.4	98.0	98.0	98.4	98.9

TOTAL NUMBER OF OBSERVATIONS 837

2

DATA PROCESSING DIVISION
USAF ETAC
AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

04010 STATION GLASGOW MONTANA AFB STATION NAME

60-68 YEARS

JAN MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

1800-2000 HOURS EST

CEILING (FEET)	VISIBILITY (STATUTE MILES)															
	≥10	≥6	≥5	≥4	≥3	≥2½	≥2	≥1½	≥1¼	≥1	¾	¾	¾	¾	≥5/16	≥¼
NO CEILING	46.8	47.1	47.2	47.2	47.3	47.3	47.4	47.4	47.4	47.4	47.4	47.4	47.4	47.4	47.4	47.9
≥ 20000	59.7	60.0	60.2	60.2	60.3	60.3	60.3	60.5	60.5	60.5	60.5	60.5	60.5	60.6	60.6	61.1
≥ 18000	59.7	60.0	60.2	60.2	60.3	60.3	60.3	60.5	60.5	60.5	60.5	60.5	60.5	60.6	60.6	61.1
≥ 16000	60.5	60.7	60.9	60.9	61.1	61.1	61.2	61.2	61.2	61.2	61.2	61.2	61.2	61.3	61.3	61.8
≥ 14000	60.7	60.9	61.2	61.2	61.3	61.3	61.4	61.4	61.4	61.4	61.4	61.4	61.4	61.5	61.5	62.0
≥ 12000	62.8	63.1	63.3	63.3	63.4	63.4	63.6	63.6	63.6	63.6	63.6	63.6	63.6	63.7	63.7	64.2
≥ 10000	67.6	68.2	68.5	68.5	68.6	68.6	68.9	69.1	69.1	69.1	69.1	69.1	69.1	69.2	69.2	69.7
≥ 9000	68.6	69.2	69.4	69.4	69.5	69.5	69.9	70.0	70.0	70.0	70.0	70.0	70.0	70.1	70.1	70.6
≥ 8000	71.9	72.5	72.8	72.8	72.9	72.9	73.2	73.4	73.4	73.4	73.4	73.4	73.4	73.5	73.5	74.0
≥ 7000	74.3	74.9	75.1	75.1	75.3	75.3	75.6	75.7	75.7	75.7	75.7	75.7	75.7	75.9	75.9	76.3
≥ 6000	75.5	76.3	76.7	76.7	76.9	76.9	77.3	77.4	77.4	77.4	77.4	77.4	77.4	77.5	77.5	78.0
≥ 5000	77.2	78.4	78.7	78.7	79.0	79.0	79.3	79.5	79.5	79.5	79.5	79.5	79.5	79.6	79.6	80.0
≥ 4500	77.5	79.0	79.3	79.3	79.6	79.6	79.9	80.3	80.3	80.3	80.3	80.3	80.3	80.4	80.4	80.9
≥ 4000	79.2	80.6	81.2	81.2	81.5	81.5	82.0	82.8	82.8	82.8	82.8	82.8	82.8	82.9	82.9	83.4
≥ 3500	79.3	80.8	81.4	81.4	81.8	81.8	82.3	83.2	83.2	83.2	83.2	83.2	83.2	83.3	83.3	83.8
≥ 3000	79.9	81.5	82.3	82.4	83.0	83.2	83.6	84.5	84.5	84.5	84.5	84.5	84.5	84.6	84.6	85.1
≥ 2500	80.8	82.4	83.3	83.4	84.0	84.1	84.7	85.7	85.7	85.7	85.7	85.7	85.7	85.8	85.8	86.3
≥ 2000	81.8	83.8	84.7	84.8	85.7	85.8	86.6	87.6	87.6	87.6	87.6	87.6	87.6	87.8	87.8	88.3
≥ 1800	82.3	84.2	85.2	85.3	86.3	86.4	87.2	88.2	88.2	88.3	88.3	88.3	88.3	88.4	88.4	88.9
≥ 1500	82.9	84.9	85.9	86.0	87.1	87.3	88.6	89.7	89.7	90.2	90.2	90.2	90.2	90.4	90.4	90.9
≥ 1200	83.9	86.3	87.3	87.5	88.5	88.8	90.2	91.3	91.3	91.8	91.9	91.9	91.9	92.1	92.1	92.6
≥ 1000	84.2	87.0	88.3	88.4	89.5	89.7	91.3	92.5	92.5	93.7	93.8	93.8	93.8	94.1	94.1	94.6
≥ 900	84.6	87.6	88.9	89.0	90.1	90.3	91.9	93.1	93.1	94.3	94.4	94.4	94.4	94.7	94.7	95.2
≥ 800	84.6	87.6	88.9	89.0	90.1	90.3	92.0	93.5	93.5	94.7	95.0	95.0	95.0	95.3	95.3	95.8
≥ 700	84.7	87.7	89.2	89.4	90.4	90.7	92.4	93.9	93.9	95.1	95.3	95.3	95.3	95.7	95.7	96.2
≥ 600	84.9	87.9	89.7	89.8	90.9	91.2	93.0	94.5	94.5	95.8	96.1	96.1	96.1	96.4	96.4	96.9
≥ 500	85.2	88.3	90.2	90.3	91.4	91.6	93.4	95.1	95.1	96.4	96.8	96.8	96.8	97.1	97.1	97.6
≥ 400	85.2	88.3	90.4	90.6	91.6	91.9	93.7	95.3	95.3	96.7	97.0	97.0	97.0	97.4	97.4	97.8
≥ 300	85.4	88.8	90.8	90.9	92.0	92.2	94.0	95.7	95.7	97.1	97.5	97.5	97.5	97.8	97.8	98.4
≥ 200	85.4	88.8	90.8	90.9	92.0	92.2	94.0	95.7	95.7	97.1	97.5	97.5	97.5	97.8	97.8	98.4
≥ 100	85.4	88.8	90.8	91.0	92.1	92.4	94.1	95.8	95.8	97.3	97.6	97.6	97.6	98.1	98.1	98.7
≥ 0	85.4	88.8	90.8	91.0	92.1	92.4	94.1	95.8	95.8	97.3	97.6	97.6	97.6	98.1	98.1	100.0

TOTAL NUMBER OF OBSERVATIONS 827

USAFETAC FORM JUL 64 0-14-5 (OL 1) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

DATA PROCESSING DIVISION
USAF ETAC
AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

94010
STATION

GLASGOW MONTANA AFB
STATION NAME

60-68
YEARS

JAN
MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

2100-2300
HOURS (LST)

CEILING (FEET)	VISIBILITY (STATUTE MILES)																
	≥ 10	≥ 6	≥ 5	≥ 4	≥ 3	≥ 2½	≥ 2	≥ 1½	≥ 1¼	≥ 1	≥ ¾	≥ ½	≥ ¼	≥ 5/16	≥ ¼	≥ 0	
NO CEILING	48.9	49.8	50.2	50.2	50.5	50.5	50.7	50.7	50.7	50.7	50.7	50.7	50.7	50.8	50.9	50.9	51.0
≥ 20000	58.9	59.9	60.2	60.2	60.7	60.7	60.8	60.8	60.8	60.8	60.8	60.8	60.8	60.9	61.1	61.1	61.2
≥ 18000	58.9	59.9	60.2	60.2	60.7	60.7	60.8	60.8	60.8	60.8	60.8	60.8	60.8	60.9	61.1	61.1	61.2
≥ 16000	59.3	60.2	60.6	60.6	61.1	61.1	61.2	61.2	61.2	61.2	61.2	61.2	61.2	61.3	61.4	61.4	61.5
≥ 14000	59.5	60.5	60.8	60.8	61.3	61.3	61.4	61.4	61.4	61.4	61.4	61.4	61.4	61.5	61.6	61.6	61.8
≥ 12000	61.5	62.5	62.8	62.8	63.3	63.3	63.4	63.4	63.4	63.4	63.4	63.4	63.4	63.6	63.7	63.7	63.8
≥ 10000	64.4	65.7	66.1	66.2	66.8	66.8	67.0	67.0	67.0	67.0	67.0	67.0	67.0	67.1	67.3	67.3	67.4
≥ 9000	65.5	66.8	67.1	67.3	67.9	67.9	68.1	68.1	68.1	68.1	68.1	68.1	68.1	68.2	68.3	68.3	68.5
≥ 8000	68.7	70.0	70.5	70.6	71.8	71.8	72.0	72.0	72.0	72.0	72.0	72.0	72.0	72.2	72.3	72.3	72.4
≥ 7000	70.3	71.7	72.3	72.4	73.6	73.6	73.8	73.8	73.8	74.0	74.0	74.0	74.0	74.1	74.2	74.2	74.3
≥ 6000	71.7	73.4	74.0	74.1	75.3	75.4	75.6	75.6	75.6	75.7	75.7	75.7	75.7	75.9	76.0	76.0	76.1
≥ 5000	72.0	73.1	74.1	74.2	75.4	75.5	75.8	75.8	75.8	75.9	75.9	75.9	75.9	76.0	76.1	76.1	76.3
≥ 4500	73.5	75.7	76.7	76.8	78.0	78.1	78.4	78.4	78.4	78.5	78.5	78.5	78.5	78.6	78.7	78.7	78.9
≥ 4000	74.6	77.2	78.3	78.4	79.8	80.0	80.3	80.6	80.6	80.6	80.8	80.8	80.8	80.9	81.0	81.0	81.1
≥ 3500	75.3	77.9	79.0	79.1	80.5	80.8	81.0	81.4	81.4	81.5	81.5	81.5	81.5	81.6	81.7	81.7	81.8
≥ 3000	75.7	78.4	79.5	79.7	81.2	81.5	81.7	82.1	82.1	82.2	82.2	82.2	82.2	82.3	82.4	82.4	82.6
≥ 2500	76.8	79.6	80.6	80.9	82.6	82.8	83.0	83.4	83.4	83.5	83.5	83.5	83.5	83.6	83.8	83.8	83.9
≥ 2000	77.7	80.5	81.8	82.1	83.8	84.0	84.2	84.7	84.7	85.1	85.1	85.1	85.1	85.3	85.4	85.5	85.7
≥ 1800	77.7	80.5	81.8	82.1	83.8	84.0	84.2	84.7	84.7	85.1	85.1	85.1	85.1	85.3	85.4	85.5	85.7
≥ 1500	78.4	81.2	82.8	83.2	84.8	85.1	85.3	86.0	86.0	86.6	86.6	86.9	86.9	87.1	87.2	87.3	87.5
≥ 1200	79.0	82.1	83.9	84.2	85.9	86.1	86.7	87.2	87.2	88.1	88.4	88.4	88.6	88.6	88.8	88.9	89.0
≥ 1000	79.7	82.8	84.7	85.3	87.0	87.2	87.9	88.4	88.4	89.8	90.2	90.2	90.6	90.7	90.8	90.9	
≥ 900	79.9	83.0	84.9	85.5	87.2	87.5	88.3	88.8	88.8	90.3	90.7	90.7	91.0	91.2	91.3	91.4	
≥ 800	80.8	84.0	86.3	86.9	88.5	88.8	89.7	90.2	90.2	91.9	92.2	92.2	92.6	92.7	92.8	93.0	
≥ 700	81.2	84.5	86.9	87.5	89.1	89.4	90.3	90.8	90.8	92.6	93.1	93.1	93.4	93.5	93.7	93.8	
≥ 600	81.5	84.7	87.5	88.1	89.7	90.0	91.2	91.8	91.8	93.5	94.0	94.0	94.4	94.5	94.6	94.7	
≥ 500	82.1	85.3	88.1	88.9	90.8	91.0	92.4	93.0	93.0	94.9	95.7	95.7	96.1	96.2	96.3	96.4	
≥ 400	82.2	85.5	88.3	89.1	91.0	91.3	92.6	93.2	93.2	95.3	96.3	96.3	96.8	96.9	97.0	97.1	
≥ 300	82.4	85.8	88.5	89.4	91.4	91.6	93.0	93.5	93.5	95.7	96.7	96.7	97.1	97.3	97.4	97.5	
≥ 200	82.4	85.9	88.6	89.5	91.6	92.0	93.3	93.9	93.9	96.1	97.1	97.1	97.7	97.8	98.2	98.3	
≥ 100	82.4	85.9	88.6	89.5	91.6	92.0	93.3	93.9	93.9	96.1	97.1	97.1	97.8	98.0	98.3	99.0	
≥ 0	82.4	85.9	88.6	89.5	91.6	92.0	93.3	93.9	93.9	96.2	97.3	97.3	98.0	98.1	98.6	100.0	

TOTAL NUMBER OF OBSERVATIONS 837

DATA PROCESSING DIVISION
USAF ETAC
AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

94010
STATION

GLASGOW MONTANA AFB
STATION NAME

60-68
YEARS

FEB
MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

0000-0200
HOURS LST

CEILING (FEET)	VISIBILITY (STATUTE MILES)															
	≥ 10	≥ 6	≥ 5	≥ 4	≥ 3	≥ 2.5	≥ 2	≥ 1.5	≥ 1.4	≥ 1	≥ .9	≥ .8	≥ .7	≥ .6	≥ .5	≥ 0
NO CEILING	50.2	50.6	51.1	51.2	51.4	51.5	52.0	52.2	52.2	52.5	52.8	52.8	52.9	52.9	53.1	53.3
≥ 20000	55.8	56.6	57.1	57.3	57.4	57.5	58.0	58.2	58.2	58.6	58.8	58.8	59.0	59.0	59.1	59.3
≥ 18000	55.8	56.6	57.1	57.3	57.4	57.5	58.0	58.2	58.2	58.6	58.8	58.8	59.0	59.0	59.1	59.3
≥ 16000	55.8	56.6	57.1	57.3	57.4	57.5	58.0	58.2	58.2	58.6	58.8	58.8	59.0	59.0	59.1	59.3
≥ 14000	55.9	56.7	57.3	57.4	57.5	57.6	58.2	58.3	58.3	58.7	59.0	59.0	59.1	59.1	59.2	59.5
≥ 12000	57.1	57.9	58.4	58.6	58.7	58.8	59.3	59.5	59.5	59.9	60.1	60.1	60.3	60.3	60.4	60.7
≥ 10000	59.0	59.7	60.4	60.5	60.7	60.8	61.3	61.4	61.4	61.8	62.1	62.1	62.2	62.2	62.4	62.6
≥ 9000	59.3	60.1	60.9	61.0	61.2	61.3	62.0	62.1	62.1	62.5	62.7	62.7	62.9	62.9	63.0	63.3
≥ 8000	62.4	63.1	63.9	64.1	64.2	64.3	65.0	65.4	65.4	65.8	66.0	66.0	66.1	66.1	66.3	66.5
≥ 7000	63.1	63.9	64.7	64.8	65.0	65.1	65.8	66.1	66.1	66.5	66.8	66.8	66.9	66.9	67.1	67.3
≥ 6000	64.2	65.0	65.8	65.9	66.1	66.3	66.9	67.3	67.3	67.7	68.0	68.0	68.1	68.1	68.2	68.5
≥ 5000	65.9	66.9	68.0	68.1	68.8	68.9	69.7	70.2	70.2	70.6	70.8	70.8	71.0	71.0	71.1	71.4
≥ 4500	65.9	67.1	68.1	68.2	68.9	69.0	69.8	70.3	70.3	70.7	71.0	71.0	71.1	71.1	71.2	71.5
≥ 4000	67.5	68.6	69.7	69.8	70.5	70.6	71.5	72.0	72.0	72.4	72.7	72.7	72.8	72.8	72.9	73.2
≥ 3500	67.8	69.2	70.2	70.3	71.0	71.1	72.2	72.7	72.7	73.1	73.3	73.3	73.5	73.5	73.6	73.9
≥ 3000	68.8	70.3	71.5	71.8	72.5	72.7	73.7	74.2	74.2	74.6	74.9	74.9	75.0	75.0	75.2	75.6
≥ 2500	69.5	71.2	72.7	72.9	74.0	74.1	75.2	75.7	75.7	76.1	76.3	76.3	76.5	76.5	76.6	76.9
≥ 2000	70.6	72.3	73.7	74.0	75.0	75.2	76.2	77.1	77.1	77.5	77.8	77.8	77.9	77.9	78.0	78.3
≥ 1800	71.1	72.8	74.5	74.9	76.1	76.2	77.3	78.2	78.2	78.6	78.8	78.8	79.0	79.0	79.1	79.3
≥ 1500	72.9	75.3	77.3	77.8	79.0	79.1	80.3	81.2	81.2	81.6	81.8	81.8	82.0	82.0	82.1	82.4
≥ 1200	74.1	76.5	78.4	79.0	80.1	80.3	81.4	82.4	82.4	83.0	83.7	83.7	83.8	83.8	83.9	84.3
≥ 1000	74.8	77.8	79.9	80.5	82.0	82.1	83.3	84.2	84.2	84.8	85.5	85.5	85.8	85.8	85.9	86.3
≥ 900	74.8	77.8	79.9	80.5	82.0	82.1	83.4	84.3	84.3	85.0	85.6	85.6	85.9	86.0	86.1	86.5
≥ 800	74.9	78.0	80.1	80.9	82.4	82.5	83.8	84.7	84.7	85.5	86.1	86.1	86.4	86.5	86.7	87.1
≥ 700	75.6	78.7	80.8	81.6	83.1	83.3	84.6	85.5	85.5	86.3	87.2	87.2	87.5	87.6	87.7	88.1
≥ 600	75.8	79.0	81.2	82.0	83.5	83.7	85.0	86.0	86.0	87.2	88.2	88.2	88.6	88.8	88.9	89.4
≥ 500	76.6	79.9	82.1	82.9	84.6	84.7	86.3	87.5	87.5	88.9	89.9	89.9	90.5	90.6	90.7	91.2
≥ 400	77.6	81.0	83.6	84.3	86.0	86.1	87.8	89.3	89.3	90.7	91.8	91.8	92.3	92.4	92.5	93.1
≥ 300	78.2	81.6	83.9	84.8	86.5	86.7	88.5	90.1	90.1	91.8	92.8	92.8	93.3	93.6	93.7	94.2
≥ 200	78.2	81.7	84.4	85.4	87.2	87.3	89.3	91.0	91.0	92.7	94.0	94.0	94.6	94.9	95.0	95.7
≥ 100	78.2	81.7	84.4	85.5	87.5	87.6	90.6	92.4	92.4	94.8	96.1	96.1	97.3	97.5	97.6	98.8
≥ 0	78.2	81.7	84.4	85.5	87.5	87.6	90.6	92.4	92.4	94.8	96.1	96.1	97.3	97.5	97.6	100.0

TOTAL NUMBER OF OBSERVATIONS 765

USAFETAC

FORM
JUL 64

0-14-5 (OL 1) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

2
DATA PROCESSING DIVISION
USAF ETAC
AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

94010
STATION

GLASGOW MONTANA AFB
STATION NAME

60-68
YEARS

FEB
MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

0300-0500
HOURS LST

CEILING (FEET)	VISIBILITY (STATUTE MILES)															
	≥ 10	≥ 6	≥ 5	≥ 4	≥ 3	≥ 2½	≥ 2	≥ 1½	≥ 1¼	≥ 1	≥ ¾	≥ ½	≥ ¼	≥ 1/16	≥ 1/8	≥ 0
NO CEILING	47.7	48.9	49.2	49.2	49.7	49.7	49.8	49.8	49.8	49.9	50.2	50.2	51.0	51.1	51.2	51.8
≥ 20000	53.2	54.4	54.6	54.6	55.2	55.2	55.3	55.3	55.3	55.4	55.7	55.7	56.5	56.6	56.7	57.3
≥ 18000	53.2	54.4	54.6	54.6	55.2	55.2	55.3	55.3	55.3	55.4	55.7	55.7	56.5	56.6	56.7	57.3
≥ 16000	53.2	54.4	54.6	54.6	55.2	55.2	55.3	55.3	55.3	55.4	55.7	55.7	56.5	56.6	56.7	57.3
≥ 14000	53.2	54.4	54.6	54.6	55.2	55.2	55.3	55.3	55.3	55.4	55.7	55.7	56.5	56.6	56.7	57.3
≥ 12000	54.1	55.3	55.6	55.6	56.1	56.1	56.2	56.2	56.2	56.3	56.6	56.6	57.4	57.5	57.6	58.2
≥ 10000	57.3	58.4	58.7	58.7	59.2	59.2	59.3	59.3	59.3	59.5	59.7	59.7	60.5	60.7	60.8	61.3
≥ 9000	58.2	59.3	59.6	59.6	60.1	60.1	60.3	60.3	60.3	60.4	60.7	60.7	61.4	61.6	61.7	62.2
≥ 8000	60.5	62.0	62.4	62.4	62.9	62.9	63.0	63.0	63.0	63.1	63.4	63.4	64.2	64.3	64.4	65.0
≥ 7000	61.4	62.9	63.3	63.3	63.8	63.8	63.9	63.9	63.9	64.1	64.3	64.3	65.2	65.4	65.5	66.0
≥ 6000	62.9	64.3	64.7	64.7	65.2	65.2	65.4	65.4	65.4	65.5	65.8	65.8	66.7	66.8	66.9	67.5
≥ 5000	64.7	66.3	66.8	66.9	67.6	67.6	67.8	67.8	67.8	68.0	68.2	68.2	69.2	69.3	69.4	69.9
≥ 4500	65.1	66.8	67.3	67.3	68.1	68.1	68.4	68.4	68.4	68.5	68.8	68.8	69.7	69.8	69.9	70.5
≥ 4000	66.8	68.8	69.3	69.3	70.2	70.2	70.5	70.5	70.5	70.6	70.8	70.8	71.8	71.9	72.0	72.5
≥ 3500	67.1	69.2	69.7	70.1	70.8	70.8	71.1	71.1	71.1	71.2	71.5	71.5	72.4	72.5	72.7	73.2
≥ 3000	68.5	70.8	71.4	71.8	72.7	72.7	73.2	73.2	73.2	73.3	73.6	73.6	74.5	74.6	74.8	75.3
≥ 2500	69.2	72.0	73.2	73.7	74.6	74.6	75.3	75.4	75.4	75.6	75.8	75.8	76.7	76.9	77.0	77.5
≥ 2000	70.5	73.3	74.6	75.2	76.1	76.1	76.7	76.9	76.9	77.0	77.3	77.3	78.2	78.3	78.4	79.0
≥ 1800	71.0	73.9	75.2	75.7	76.6	76.6	77.3	77.5	77.5	77.6	77.9	77.9	78.8	79.0	79.1	79.6
≥ 1500	72.2	75.7	77.1	77.9	78.8	78.8	79.6	80.1	80.1	80.3	80.5	80.5	81.4	81.6	81.7	82.2
≥ 1200	74.1	77.6	79.6	80.4	81.3	81.3	82.2	83.0	83.0	83.1	83.4	83.4	84.3	84.4	84.6	85.1
≥ 1000	75.7	79.2	81.3	82.2	83.4	83.4	84.3	85.1	85.1	85.2	85.6	85.6	86.7	86.8	86.9	87.5
≥ 900	75.9	79.6	81.7	82.6	83.8	83.8	84.7	85.5	85.5	85.6	86.0	86.0	87.1	87.2	87.3	87.8
≥ 800	76.5	80.1	82.2	83.1	84.3	84.3	85.2	86.0	86.1	86.5	86.9	86.9	88.0	88.1	88.2	88.8
≥ 700	76.6	80.4	82.6	83.5	84.7	84.7	85.6	86.4	86.5	86.9	87.3	87.3	88.5	88.6	88.8	89.3
≥ 600	76.6	80.5	82.7	83.7	85.6	85.6	86.5	87.3	87.5	88.0	88.4	88.4	89.5	89.7	89.8	90.5
≥ 500	77.5	81.6	83.9	84.8	87.1	87.3	88.4	89.5	89.7	90.6	91.0	91.0	92.4	92.5	92.7	93.3
≥ 400	78.0	82.3	84.8	85.8	88.0	88.2	89.3	90.5	90.6	91.5	91.9	91.9	93.3	93.5	93.6	94.2
≥ 300	78.0	82.9	85.6	86.5	88.8	89.0	90.1	91.2	91.4	92.3	92.8	92.8	94.8	95.3	95.4	96.1
≥ 200	78.4	83.4	86.3	87.3	89.5	89.8	90.8	92.0	92.2	93.3	93.9	93.9	95.9	96.5	96.9	97.9
≥ 100	78.4	83.4	86.3	87.3	89.5	89.8	90.8	92.3	92.4	93.7	94.2	94.4	96.7	97.3	97.8	99.0
≥ 0	78.4	83.4	86.3	87.3	89.9	90.2	91.2	92.7	92.8	94.4	94.9	95.0	97.4	97.9	98.4	100.0

TOTAL NUMBER OF OBSERVATIONS 765

2

DATA PROCESSING DIVISION
USAF ETAC
AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

94010
STATION

GLASGOW MONTANA AFB
STATION NAME

60-68
YEARS

FEB
MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

0600-0800
HOURS LST

CEILING (FEET)	VISIBILITY (STATUTE MILES)															
	≥10	≥6	≥5	≥4	≥3	≥2½	≥2	≥1½	≥1¼	≥1	¾	¾	¾	¾	≥5/16	≥¼
NO CEILING	42.9	43.8	44.2	44.2	44.3	44.3	44.3	44.4	44.4	44.8	45.2	45.2	45.4	45.4	45.8	45.9
≥ 20000	50.1	51.4	51.9	52.0	52.3	52.4	52.4	52.5	52.5	52.9	53.3	53.3	53.5	53.5	53.9	54.1
≥ 18000	50.1	51.4	51.9	52.0	52.3	52.4	52.4	52.5	52.5	52.9	53.3	53.3	53.5	53.5	53.9	54.1
≥ 16000	50.1	51.4	51.9	52.0	52.3	52.4	52.4	52.5	52.5	52.9	53.3	53.3	53.5	53.5	53.9	54.1
≥ 14000	50.1	51.4	51.9	52.0	52.3	52.4	52.4	52.5	52.5	52.9	53.3	53.3	53.5	53.5	53.9	54.1
≥ 12000	51.5	52.8	53.3	53.5	53.7	53.9	53.9	54.0	54.0	54.4	54.8	54.8	54.9	54.9	55.3	55.6
≥ 10000	54.8	56.1	56.6	56.7	57.0	57.1	57.3	57.4	57.4	57.8	58.2	58.2	58.4	58.4	58.8	59.1
≥ 9000	56.3	57.8	58.3	58.4	58.7	58.8	59.1	59.2	59.2	59.6	60.0	60.0	60.3	60.3	60.7	60.9
≥ 8000	59.2	60.7	61.4	61.7	62.1	62.2	62.5	62.6	62.6	63.0	63.4	63.4	63.7	63.7	64.2	64.6
≥ 7000	60.3	61.8	62.6	62.9	63.4	63.5	63.8	63.9	63.9	64.3	64.7	64.7	65.1	65.1	65.6	66.0
≥ 6000	61.2	62.7	63.7	63.9	64.4	64.6	64.8	65.1	65.1	65.5	65.9	65.9	66.3	66.3	66.8	67.2
≥ 5000	64.1	65.6	66.5	67.2	67.7	67.8	68.2	68.5	68.5	68.9	69.3	69.3	69.7	69.7	70.2	70.6
≥ 4500	64.4	66.0	66.9	67.6	68.1	68.2	68.6	68.9	68.9	69.3	69.7	69.7	70.1	70.1	70.6	71.0
≥ 4000	65.9	67.8	69.0	69.7	70.2	70.3	70.8	71.1	71.1	71.5	72.0	72.0	72.4	72.4	72.9	73.3
≥ 3500	66.4	68.4	69.5	70.2	70.7	70.8	71.4	71.6	71.6	72.0	72.5	72.5	72.9	72.9	73.5	73.9
≥ 3000	66.7	68.8	70.1	70.8	71.4	71.5	72.2	72.4	72.4	72.8	73.3	73.3	73.7	73.7	74.2	74.6
≥ 2500	67.1	69.2	70.6	71.4	71.9	72.2	72.8	73.2	73.2	73.6	74.1	74.2	74.6	74.6	75.2	75.6
≥ 2000	68.4	70.8	72.4	73.2	73.7	74.0	74.8	75.2	75.2	75.6	76.1	76.2	76.6	76.6	77.1	77.5
≥ 1800	69.0	71.5	73.1	73.9	74.4	74.6	75.4	75.8	75.8	76.2	76.7	76.9	77.3	77.3	77.8	78.2
≥ 1500	70.6	74.0	76.1	76.9	77.4	77.6	78.4	79.1	79.1	79.5	80.0	80.1	80.5	80.5	81.0	81.4
≥ 1200	71.4	74.9	77.1	78.3	79.2	79.5	80.3	80.9	80.9	81.4	82.1	82.2	82.6	82.6	83.1	83.5
≥ 1000	72.7	76.5	79.1	80.3	81.3	81.6	82.6	83.3	83.4	83.9	84.6	84.7	85.1	85.1	85.8	86.1
≥ 900	72.7	76.5	79.1	80.3	81.3	81.6	82.6	83.3	83.4	83.9	84.7	84.8	85.2	85.2	85.9	86.3
≥ 800	73.1	77.3	79.9	81.0	82.2	82.5	83.5	84.2	84.3	84.8	85.8	85.9	86.3	86.3	86.9	87.3
≥ 700	73.7	77.9	80.8	82.0	83.1	83.4	84.4	85.2	85.4	85.9	86.8	86.9	87.3	87.3	88.0	88.4
≥ 600	73.7	78.0	80.9	82.1	84.2	84.4	85.6	86.4	86.7	87.2	88.1	88.2	88.6	88.6	89.3	89.8
≥ 500	74.2	79.0	82.2	83.8	85.9	86.1	87.5	88.4	88.6	89.2	90.1	90.2	90.6	90.6	91.2	91.9
≥ 400	74.4	79.5	82.9	84.4	86.7	86.9	88.4	89.3	89.5	90.1	91.0	91.1	91.8	91.8	92.7	93.5
≥ 300	74.8	80.1	83.8	85.4	87.8	88.1	89.5	90.5	90.7	91.2	92.2	92.3	92.9	92.9	93.9	94.8
≥ 200	74.8	80.1	84.1	85.6	88.2	88.5	90.1	91.0	91.2	91.8	92.7	92.9	94.2	94.2	95.3	96.9
≥ 100	74.8	80.1	84.1	85.6	88.2	88.5	90.2	91.2	91.5	92.2	93.1	93.3	94.6	94.8	96.2	98.4
≥ 0	74.8	80.1	84.1	85.6	88.2	88.5	90.2	91.2	91.5	92.2	93.1	93.3	95.0	95.2	96.6	100.0

TOTAL NUMBER OF OBSERVATIONS 765

USAFETAC FORM 0-14-5 (OL 1) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

DATA PROCESSING DIVISION
USAF ETAC
AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

94010
STATION

GLASGOW MONTANA AFB
STATION NAME

60-68
YEARS

FEB
MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

0900-1100
HOURS

CEILING (FEET)	VISIBILITY (STATUTE MILES)															
	≥10	≥6	≥5	≥4	≥3	≥2½	≥2	≥1½	≥1¼	≥1	¾	¾	¾	¾	≥5/16	≥¼
NO CEILING	40.8	42.4	42.9	43.0	43.4	43.4	43.5	43.5	43.7	43.7	43.8	43.8	44.1	44.2	44.6	44.7
≥ 20000	48.9	51.2	52.2	52.3	52.7	52.7	52.8	52.9	53.1	53.1	53.2	53.2	53.6	53.7	54.1	54.5
≥ 18000	48.9	51.2	52.2	52.3	52.7	52.7	52.8	52.9	53.1	53.1	53.2	53.2	53.6	53.7	54.1	54.5
≥ 16000	48.9	51.2	52.2	52.3	52.7	52.7	52.8	52.9	53.1	53.1	53.2	53.2	53.6	53.7	54.1	54.5
≥ 14000	49.3	51.6	52.5	52.7	53.1	53.1	53.2	53.3	53.5	53.5	53.6	53.6	54.0	54.1	54.5	54.9
≥ 12000	52.4	54.8	55.8	55.9	56.3	56.3	56.5	56.6	56.7	56.7	56.9	56.9	57.3	57.4	57.8	58.2
≥ 10000	58.0	60.5	61.6	61.7	62.1	62.1	62.2	62.4	62.5	62.5	62.6	62.7	63.1	63.3	63.7	64.1
≥ 9000	59.6	62.2	63.3	63.4	63.8	63.8	63.9	64.1	64.2	64.2	64.3	64.4	64.8	65.0	65.4	65.8
≥ 8000	63.0	65.8	66.8	66.9	67.3	67.3	67.5	67.6	67.7	67.7	67.8	68.0	68.4	68.5	68.9	69.3
≥ 7000	65.4	68.1	69.2	69.3	69.7	69.7	69.8	69.9	70.1	70.2	70.5	70.6	71.0	71.1	71.5	71.9
≥ 6000	66.1	68.9	69.9	70.1	70.5	70.5	70.6	70.7	70.8	71.0	71.2	71.4	71.8	71.9	72.3	72.7
≥ 5000	69.0	72.0	73.1	73.2	73.6	73.9	74.0	74.1	74.2	74.4	74.6	74.8	75.2	75.3	75.7	76.1
≥ 4500	69.4	72.5	73.6	73.7	74.2	74.5	74.6	74.8	74.9	75.0	75.3	75.4	75.8	75.9	76.3	76.7
≥ 4000	71.1	74.2	75.4	75.8	76.3	76.6	76.9	77.0	77.1	77.4	77.8	77.9	78.3	78.4	78.8	79.2
≥ 3500	71.1	74.4	75.6	75.9	76.6	76.9	77.1	77.3	77.4	77.8	78.2	78.3	78.7	78.8	79.2	79.6
≥ 3000	71.8	75.0	76.2	76.7	77.4	77.8	78.0	78.2	78.3	78.8	79.2	79.3	79.7	79.9	80.3	80.7
≥ 2500	71.9	75.3	76.6	77.3	77.9	78.3	78.7	78.8	79.0	79.6	80.0	80.1	80.5	80.7	81.0	81.4
≥ 2000	73.2	76.9	78.3	79.0	79.6	80.0	80.4	80.5	80.8	81.4	81.8	82.0	82.4	82.5	82.9	83.3
≥ 1800	73.5	77.1	78.6	79.2	79.9	80.3	80.7	80.8	81.0	81.7	82.1	82.2	82.6	82.7	83.1	83.5
≥ 1500	75.2	79.2	80.7	81.3	82.0	82.4	82.9	83.1	83.4	84.1	84.4	84.6	85.1	85.2	85.6	86.0
≥ 1200	75.4	80.0	81.6	82.2	83.0	83.4	83.9	84.2	84.4	85.1	85.5	85.6	86.3	86.4	86.8	87.2
≥ 1000	76.3	81.3	83.0	83.7	84.4	85.0	85.6	86.1	86.4	87.1	87.6	87.7	88.5	88.6	89.0	89.4
≥ 900	76.3	81.3	83.0	83.7	84.4	85.0	85.6	86.1	86.4	87.1	87.6	87.7	88.5	88.6	89.0	89.4
≥ 800	76.7	81.7	83.4	84.2	85.0	85.8	86.4	86.9	87.2	88.0	88.6	88.8	89.7	89.8	90.2	90.6
≥ 700	76.7	82.0	83.7	84.6	85.5	86.4	87.1	87.6	87.8	88.8	89.4	89.5	90.6	90.7	91.1	91.5
≥ 600	76.7	82.0	83.7	84.6	85.5	86.4	87.1	87.6	87.8	88.8	89.4	89.5	90.6	90.7	91.1	91.5
≥ 500	77.1	82.6	84.3	85.2	86.5	87.6	88.9	89.5	89.8	91.0	91.8	91.9	93.1	93.2	93.6	94.0
≥ 400	77.3	82.9	84.7	85.6	86.9	88.0	89.4	90.2	90.5	91.6	92.4	92.5	93.9	94.1	94.9	95.7
≥ 300	77.3	82.9	85.0	85.9	87.2	88.2	90.1	90.8	91.1	92.3	93.1	93.2	94.5	94.8	95.7	96.5
≥ 200	77.3	82.9	85.0	85.9	87.2	88.4	90.2	91.1	91.4	92.7	93.6	93.7	95.2	95.4	96.7	98.0
≥ 100	77.3	82.9	85.0	85.9	87.2	88.4	90.3	91.2	91.5	92.8	93.9	94.0	95.4	95.7	97.1	98.7
≥ 0	77.3	82.9	85.0	85.9	87.2	88.4	90.3	91.2	91.5	92.8	93.9	94.0	95.6	95.8	97.3	100.0

TOTAL NUMBER OF OBSERVATIONS 765

2

DATA PROCESSING DIVISION
USAF ETAC
AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

94010 STATION GLASGOW MONTANA AFB

60-68

FEB

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

1200-1400

CEILING (FEET)	VISIBILITY (STATUTE MILES)															
	≥ 10	≥ 6	≥ 5	≥ 4	≥ 3	≥ 2.5	≥ 2	≥ 1.5	≥ 1.0	≥ 0.75	≥ 0.5	≥ 0.25	≥ 0.15	≥ 0.1	≥ 0.05	≥ 0
NO CEILING	42.7	44.3	45.2	45.5	45.9	45.9	45.9	45.9	45.9	46.1	46.3	46.3	46.4	46.4	46.4	46.4
≥ 20000	51.2	53.3	54.4	54.6	55.2	55.2	55.3	55.4	55.4	55.8	56.1	56.1	56.3	56.3	56.5	56.6
≥ 18000	51.6	53.7	54.8	55.0	55.6	55.6	55.7	55.8	55.8	56.2	56.5	56.5	56.7	56.7	56.9	57.0
≥ 16000	51.9	54.0	55.0	55.3	55.8	55.8	55.9	56.1	56.1	56.5	56.7	56.7	57.0	57.0	57.1	57.3
≥ 14000	52.2	54.2	55.3	55.6	56.1	56.1	56.2	56.3	56.3	56.9	57.1	57.1	57.4	57.4	57.5	57.6
≥ 12000	54.8	56.9	57.9	58.2	58.7	58.7	58.8	59.0	59.0	59.5	59.7	59.7	60.0	60.0	60.1	60.3
≥ 10000	59.3	61.8	63.3	63.5	64.1	64.1	64.2	64.3	64.3	64.8	65.1	65.1	65.4	65.4	65.5	65.6
≥ 9000	61.2	63.7	65.1	65.4	65.9	65.9	66.0	66.1	66.1	66.7	66.9	66.9	67.2	67.2	67.3	67.5
≥ 8000	65.2	67.7	69.2	69.4	70.1	70.1	70.2	70.3	70.3	71.0	71.2	71.2	71.8	71.8	71.9	72.0
≥ 7000	65.6	68.1	69.5	69.8	70.5	70.5	70.6	70.7	70.7	71.4	71.8	71.8	72.5	72.5	72.7	72.8
≥ 6000	66.4	68.9	70.3	70.6	71.2	71.2	71.4	71.5	71.5	72.3	72.7	72.7	73.5	73.5	73.6	73.7
≥ 5000	67.5	70.3	71.8	72.3	72.9	72.9	73.3	73.5	73.5	74.2	74.8	74.8	75.7	75.7	75.8	75.9
≥ 4500	68.0	70.8	72.4	72.9	73.6	73.6	74.0	74.1	74.1	74.9	75.4	75.4	76.3	76.3	76.5	76.6
≥ 4000	69.2	72.3	74.0	74.8	75.6	75.6	76.1	76.2	76.2	77.0	77.5	77.5	78.6	78.6	78.7	78.8
≥ 3500	69.4	72.5	74.2	75.0	75.8	75.8	76.3	76.5	76.5	77.3	77.8	77.8	78.8	78.8	79.0	79.1
≥ 3000	70.1	73.3	75.2	76.6	77.5	77.5	78.0	78.2	78.2	79.0	79.5	79.5	80.5	80.5	80.7	80.8
≥ 2500	70.7	74.0	75.8	77.4	78.3	78.3	78.8	79.0	79.0	79.7	80.3	80.3	81.3	81.3	81.4	81.6
≥ 2000	72.0	75.4	77.3	78.8	79.9	79.9	80.5	80.8	80.8	81.7	82.2	82.2	83.3	83.3	83.4	83.5
≥ 1800	72.0	75.4	77.3	78.8	79.9	79.9	80.5	80.9	80.9	81.8	82.4	82.4	83.4	83.4	83.5	83.7
≥ 1500	74.0	77.5	79.6	81.2	82.2	82.2	82.9	83.3	83.4	84.3	84.8	84.8	86.0	86.0	86.1	86.3
≥ 1200	74.5	78.0	80.1	81.8	82.9	82.9	83.7	84.1	84.2	85.1	85.6	85.6	86.8	86.8	86.9	87.1
≥ 1000	76.1	80.0	82.1	84.2	85.9	85.9	86.9	87.7	87.8	88.9	89.5	89.5	90.8	90.8	91.0	91.1
≥ 900	76.2	80.3	82.4	84.4	86.1	86.1	87.2	88.0	88.1	89.2	89.8	89.8	91.1	91.1	91.2	91.4
≥ 800	76.3	80.7	82.9	85.0	86.7	86.7	87.7	88.5	88.9	89.9	90.6	91.0	92.3	92.3	92.4	92.5
≥ 700	77.9	82.0	84.4	86.5	88.5	88.6	89.7	90.5	90.8	91.9	92.5	92.9	94.2	94.2	94.4	94.5
≥ 600	77.9	82.4	84.8	86.9	88.9	89.0	90.2	91.0	91.4	92.4	93.1	93.5	94.8	94.8	94.9	95.0
≥ 500	78.0	82.5	85.0	87.1	89.0	89.2	90.3	91.2	91.6	93.1	93.7	94.1	95.4	95.4	95.6	95.7
≥ 400	78.2	83.0	85.9	88.0	89.9	90.1	91.2	92.2	92.5	94.0	94.6	95.0	96.3	96.3	96.5	96.6
≥ 300	78.3	83.3	86.3	88.4	90.6	90.7	91.9	92.8	93.2	94.9	95.6	95.9	97.3	97.4	97.5	97.8
≥ 200	78.4	83.4	86.4	88.5	90.7	91.0	92.3	93.2	93.6	95.3	95.9	96.3	97.6	97.8	97.9	98.4
≥ 100	78.4	83.4	86.4	88.5	90.8	91.1	92.4	93.3	93.7	95.4	96.1	96.5	97.8	97.9	98.2	98.8
≥ 0	78.4	83.4	86.4	88.5	90.8	91.1	92.4	93.3	93.7	95.4	96.1	96.5	97.8	97.9	98.2	100.0

TOTAL NUMBER OF OBSERVATIONS 765

USAFETAC FORM 0-14.5 (OL 1) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

2

DATA PROCESSING DIVISION
USAF ETAC
AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

94010 STATION GLASGOW MONTANA AFB STATION NAME

60-68

FEB

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

1500-1700

CEILING (FEET)	VISIBILITY, STATUTE MILES															
	≥ 10	≥ 6	≥ 5	≥ 4	≥ 3	≥ 2.5	≥ 2	≥ 1.5	≥ 1.4	≥ 1	≥ .9	≥ .8	≥ .7	≥ .6	≥ .5	≥ 0
NO CEILING	44.8	46.1	46.3	46.4	46.4	46.4	46.4	46.7	46.8	46.9	47.1	47.1	47.1	47.1	47.2	47.2
≥ 20000	54.9	57.3	57.8	57.9	58.0	58.0	58.0	58.3	58.6	58.7	59.0	59.0	59.0	59.0	59.1	59.1
≥ 18000	55.0	57.4	57.9	58.0	58.2	58.2	58.2	58.4	58.7	58.8	59.1	59.1	59.1	59.1	59.2	59.2
≥ 16000	55.0	57.4	57.9	58.0	58.2	58.2	58.2	58.4	58.7	58.8	59.1	59.1	59.1	59.1	59.2	59.2
≥ 14000	55.9	58.3	58.8	59.0	59.1	59.1	59.1	59.3	59.6	59.7	60.0	60.0	60.0	60.0	60.1	60.1
≥ 12000	57.8	60.3	60.8	61.0	61.2	61.3	61.3	61.6	61.8	62.0	62.2	62.2	62.2	62.2	62.4	62.4
≥ 10000	62.2	65.0	65.5	65.8	65.9	66.0	66.1	66.4	66.7	66.8	67.1	67.1	67.1	67.1	67.2	67.2
≥ 9000	63.8	66.8	67.3	67.6	67.7	67.8	68.0	68.2	68.5	68.6	68.9	68.9	68.9	68.9	69.0	69.0
≥ 8000	66.9	70.1	70.6	71.0	71.1	71.4	71.6	71.9	72.2	72.3	72.5	72.5	72.7	72.7	72.8	72.8
≥ 7000	68.2	71.4	71.9	72.7	72.8	73.1	73.3	73.6	73.9	74.0	74.4	74.4	74.5	74.5	74.6	74.6
≥ 6000	69.3	72.4	73.1	73.9	74.0	74.2	74.5	74.8	75.0	75.2	75.6	75.6	75.7	75.7	75.8	75.8
≥ 5000	70.6	73.9	74.6	75.4	75.9	76.2	76.9	77.1	77.4	77.5	77.9	77.9	78.0	78.0	78.2	78.2
≥ 4500	71.0	74.2	75.0	75.8	76.3	76.6	77.3	77.5	77.8	77.9	78.3	78.3	78.4	78.4	78.6	78.6
≥ 4000	72.2	75.7	76.6	77.4	78.0	78.3	79.0	79.2	79.5	79.6	80.0	80.0	80.1	80.1	80.3	80.3
≥ 3500	72.5	76.5	77.4	78.2	78.8	79.1	79.7	80.0	80.3	80.4	80.8	80.8	80.9	80.9	81.0	81.0
≥ 3000	73.6	77.6	78.6	79.6	80.3	80.5	81.2	81.4	81.7	81.8	82.2	82.2	82.4	82.4	82.5	82.5
≥ 2500	73.9	77.9	78.8	79.9	80.5	80.8	81.6	81.8	82.1	82.2	82.6	82.6	82.7	82.7	82.9	82.9
≥ 2000	75.0	79.3	80.3	81.3	82.6	82.9	83.7	84.1	84.3	84.4	84.8	84.8	85.1	85.1	85.2	85.4
≥ 1800	75.3	79.6	80.5	81.7	83.0	83.3	84.1	84.4	84.7	84.8	85.2	85.2	85.5	85.5	85.6	85.8
≥ 1500	76.7	81.4	82.6	84.1	85.4	85.6	86.5	86.9	87.2	87.3	87.7	87.7	88.1	88.1	88.2	88.4
≥ 1200	77.0	82.0	83.4	85.0	86.3	86.5	87.6	88.0	88.2	88.4	88.8	88.8	89.2	89.2	89.3	89.4
≥ 1000	78.3	83.3	84.7	86.3	87.6	87.8	88.9	89.3	89.5	90.1	90.5	90.5	91.0	91.0	91.1	91.2
≥ 900	78.3	83.3	84.7	86.3	87.6	87.8	88.9	89.3	89.5	90.1	90.6	90.6	91.1	91.1	91.2	91.4
≥ 800	79.0	84.1	85.6	87.2	88.6	88.9	89.9	90.3	90.6	91.1	91.6	91.6	92.2	92.2	92.4	92.5
≥ 700	79.0	84.2	85.8	87.3	88.8	89.0	90.1	90.5	90.7	91.2	91.8	91.8	92.3	92.3	92.5	92.7
≥ 600	79.5	85.0	86.5	88.1	89.5	89.8	91.0	91.5	91.8	92.4	92.9	92.9	93.5	93.5	93.9	94.0
≥ 500	80.3	85.8	87.3	89.0	90.5	90.7	91.9	92.4	92.9	93.7	94.4	94.4	95.4	95.4	95.8	95.9
≥ 400	80.7	86.4	88.2	89.9	91.4	91.6	92.8	93.3	93.9	94.6	95.3	95.3	96.3	96.3	96.7	96.9
≥ 300	80.7	86.4	88.2	90.1	91.5	91.8	92.9	93.5	94.0	94.8	95.4	95.4	96.6	96.6	97.0	97.1
≥ 200	80.7	86.4	88.2	90.1	91.5	92.0	93.2	93.7	94.2	95.0	95.7	95.8	97.3	97.4	97.6	97.8
≥ 100	80.7	86.4	88.2	90.1	91.8	92.3	93.7	94.4	94.9	95.8	96.5	96.6	98.0	98.2	98.4	99.3
≥ 0	80.7	86.4	88.2	90.1	91.8	92.3	93.7	94.4	94.9	95.8	96.5	96.6	98.0	98.2	98.6	100.0

TOTAL NUMBER OF OBSERVATIONS 763

USAFETAC FORM 0-14-5 (OL 1) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

2

DATA PROCESSING DIVISION
USAF ETAC
AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

94010
STATIONGLASGOW MONTANA AFB
STATION NAME

60-68

YEAR

FEB

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

1800-2000

CEILING (FEET)	VISIBILITY, STATUTE MILES															
	≥ 10	≥ 6	≥ 5	≥ 4	≥ 3	≥ 2½	≥ 2	≥ 1½	≥ 1¼	≥ 1	≥ ¾	≥ ½	≥ ¼	≥ 1/8	≥ 1/16	≥ 1/32
NO CEILING	49.2	50.3	51.0	51.2	51.2	51.2	51.2	51.2	51.2	51.2	51.2	51.2	51.2	51.4	51.4	51.4
≥ 20000	57.4	58.7	59.5	59.9	59.9	59.9	59.9	59.9	59.9	59.9	59.9	59.9	59.9	60.0	60.0	60.0
≥ 18000	57.4	58.7	59.5	59.9	59.9	59.9	59.9	59.9	59.9	59.9	59.9	59.9	59.9	60.0	60.0	60.0
≥ 16000	57.4	58.7	59.5	59.9	59.9	59.9	59.9	59.9	59.9	59.9	59.9	59.9	59.9	60.0	60.0	60.0
≥ 14000	58.2	59.5	60.3	60.7	60.7	60.7	60.7	60.7	60.7	60.7	60.7	60.7	60.7	60.8	60.8	60.8
≥ 12000	59.5	60.9	61.7	62.1	62.1	62.1	62.2	62.2	62.2	62.2	62.2	62.2	62.2	62.4	62.4	62.4
≥ 10000	63.8	65.4	66.4	66.8	66.8	66.8	66.9	66.9	66.9	66.9	66.9	66.9	66.9	67.1	67.1	67.1
≥ 9000	65.6	67.2	68.2	68.6	68.6	68.6	68.8	68.8	68.8	68.8	68.8	68.8	68.8	68.9	68.9	68.9
≥ 8000	68.8	70.7	71.8	72.2	72.3	72.3	72.4	72.4	72.4	72.4	72.4	72.4	72.4	72.5	72.5	72.5
≥ 7000	70.5	72.5	73.9	74.2	74.5	74.5	74.6	74.6	74.6	74.6	74.6	74.6	74.6	74.8	74.8	74.8
≥ 6000	71.2	73.3	74.6	75.0	75.3	75.3	75.4	75.4	75.4	75.4	75.4	75.4	75.4	75.6	75.6	75.6
≥ 5000	72.4	74.9	76.3	76.7	77.0	77.0	77.3	77.3	77.3	77.3	77.3	77.3	77.3	77.4	77.4	77.4
≥ 4500	72.8	75.3	76.7	77.1	77.4	77.4	77.6	77.6	77.6	77.6	77.6	77.6	77.6	77.8	77.8	77.8
≥ 4000	74.1	76.7	78.2	78.7	79.2	79.3	79.6	79.6	79.6	79.6	79.6	79.6	79.6	79.7	79.7	79.7
≥ 3500	74.6	77.4	78.8	79.3	79.9	80.0	80.3	80.3	80.3	80.3	80.3	80.3	80.3	80.4	80.4	80.4
≥ 3000	74.8	77.8	79.2	79.7	80.3	80.4	80.7	80.7	80.7	80.7	80.7	80.7	80.7	80.8	80.8	80.8
≥ 2500	75.2	78.2	79.6	80.1	80.7	80.8	81.0	81.0	81.0	81.0	81.0	81.0	81.0	81.2	81.2	81.2
≥ 2000	75.9	79.3	80.8	81.3	82.0	82.1	82.7	82.7	82.7	82.7	82.7	82.7	82.7	82.9	82.9	82.9
≥ 1800	76.5	79.9	81.3	81.8	82.5	82.6	83.3	83.4	83.4	83.4	83.4	83.4	83.4	83.5	83.5	83.5
≥ 1500	78.0	82.1	83.5	84.3	85.2	85.4	86.0	86.1	86.1	86.1	86.1	86.1	86.1	86.3	86.3	86.3
≥ 1200	78.7	83.0	84.6	85.4	86.4	86.5	87.2	87.5	87.5	87.5	87.5	87.5	87.5	87.6	87.6	87.6
≥ 1000	79.9	84.2	86.0	86.8	88.1	88.2	89.0	89.3	89.3	89.7	89.7	89.7	89.7	89.8	89.8	89.8
≥ 900	80.5	85.0	87.1	87.8	89.2	89.3	90.1	90.3	90.5	91.0	91.0	91.0	91.0	91.1	91.1	91.1
≥ 800	80.8	85.2	87.3	88.1	89.4	89.5	90.5	90.8	91.0	91.5	91.6	91.6	91.6	92.0	92.0	92.0
≥ 700	81.0	85.9	88.0	88.8	90.2	90.3	91.2	91.9	92.0	92.5	92.7	92.8	92.8	93.1	93.1	93.1
≥ 600	81.4	86.5	89.0	89.8	91.2	91.4	92.3	93.3	93.5	94.0	94.1	94.2	94.2	94.6	94.6	94.6
≥ 500	82.0	87.7	90.2	91.0	92.4	92.5	93.6	94.8	95.0	95.6	95.7	95.8	95.8	96.2	96.3	96.3
≥ 400	82.2	88.0	90.7	91.5	92.9	93.1	94.1	95.4	95.7	96.2	96.3	96.5	96.5	96.9	97.0	97.0
≥ 300	82.5	88.2	91.0	91.8	93.2	93.3	94.4	95.7	95.9	96.5	96.6	96.7	96.7	97.1	97.3	97.3
≥ 200	82.6	88.4	91.1	91.9	93.5	93.6	94.6	95.9	96.2	96.9	97.0	97.1	97.1	97.5	97.6	97.6
≥ 100	82.6	88.4	91.1	91.9	93.5	93.6	94.6	95.9	96.2	97.1	97.6	97.8	97.8	98.2	98.3	98.3
≥ 0	82.6	88.4	91.1	91.9	93.5	93.6	94.6	95.9	96.2	97.1	97.6	97.8	97.8	98.4	98.6	98.6

TOTAL NUMBER OF OBSERVATIONS 765

USAFETAC FORM 0-14-5 (OL 1) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

DATA PROCESSING DIVISION
USAF ETAC
AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

94010 GLASSBORO MONTANA AFB

60-68

FEB

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

2100-2300

CEILING FEET	VISIBILITY STATUTE MILES															
	≥10	≥6	≥5	≥4	≥3	≥2.5	≥2	≥1.5	≥1.4	≥1	≥.9	≥.8	≥.7	≥.6	≥.5	≥.4
NO CEILING	50.8	52.5	52.8	52.8	53.1	53.1	53.7	53.7	53.7	53.7	53.7	53.7	53.7	53.7	53.7	53.9
≥ 20000	57.9	59.7	60.0	60.0	60.4	60.4	61.0	61.0	61.0	61.0	61.0	61.0	61.0	61.0	61.0	61.2
≥ 18000	57.9	59.7	60.0	60.0	60.4	60.4	61.0	61.0	61.0	61.0	61.0	61.0	61.0	61.0	61.0	61.2
≥ 16000	57.9	59.7	60.0	60.0	60.4	60.4	61.0	61.0	61.0	61.0	61.0	61.0	61.0	61.0	61.0	61.2
≥ 14000	57.9	59.7	60.0	60.0	60.4	60.4	61.0	61.0	61.0	61.0	61.0	61.0	61.0	61.0	61.0	61.2
≥ 12000	59.3	61.3	61.6	61.6	62.0	62.0	62.6	62.6	62.6	62.6	62.6	62.6	62.6	62.6	62.6	62.7
≥ 10000	62.4	64.4	64.7	64.7	65.1	65.1	65.8	65.9	65.9	65.9	65.9	65.9	65.9	65.9	65.9	66.0
≥ 9000	62.9	65.0	65.2	65.4	65.9	65.9	66.5	66.7	66.7	66.7	66.7	66.7	66.7	66.7	66.7	66.8
≥ 8000	66.0	68.1	68.4	68.5	69.0	69.0	69.7	69.9	69.9	69.9	69.9	69.9	69.9	69.9	69.9	70.1
≥ 7000	67.8	69.9	70.2	70.3	71.0	71.0	71.6	71.9	71.9	71.9	71.9	71.9	71.9	71.9	71.9	72.0
≥ 6000	69.0	71.1	71.4	71.5	72.2	72.2	72.8	73.1	73.1	73.1	73.1	73.1	73.1	73.1	73.1	73.2
≥ 5000	70.2	72.8	73.1	73.2	74.1	74.1	74.8	75.0	75.0	75.0	75.0	75.0	75.0	75.0	75.0	75.2
≥ 4500	70.7	73.3	73.7	73.9	74.8	74.8	75.4	75.7	75.7	75.7	75.7	75.7	75.7	75.7	75.7	75.8
≥ 4000	71.8	74.5	74.9	75.0	75.9	75.9	76.6	76.9	76.9	76.9	76.9	76.9	76.9	76.9	76.9	77.0
≥ 3500	72.3	75.0	75.7	75.8	76.7	76.7	77.4	77.6	77.6	77.6	77.6	77.6	77.6	77.6	77.6	77.8
≥ 3000	72.8	75.7	76.3	76.5	77.5	77.5	78.2	78.4	78.4	78.4	78.4	78.4	78.4	78.4	78.4	78.6
≥ 2500	73.6	76.6	77.3	77.4	78.8	78.8	79.5	79.7	79.7	79.7	79.7	79.7	79.7	79.7	79.7	79.9
≥ 2000	75.2	78.2	78.8	79.0	80.5	80.5	81.3	81.7	81.7	81.7	81.8	81.8	81.8	81.8	81.8	82.0
≥ 1800	75.3	78.3	79.0	79.1	80.7	80.7	81.4	81.8	81.8	81.8	82.0	82.0	82.0	82.0	82.0	82.1
≥ 1500	77.3	80.3	81.2	81.3	83.3	83.3	84.2	84.6	84.6	84.6	84.7	84.8	84.8	84.8	84.8	85.0
≥ 1200	78.2	81.4	82.4	82.5	84.4	84.4	85.4	85.8	85.8	85.8	86.3	86.3	86.3	86.3	86.3	86.4
≥ 1000	79.0	82.4	83.9	84.2	86.9	86.9	87.8	88.2	88.2	88.2	88.4	88.8	88.8	88.8	88.8	88.9
≥ 900	79.2	82.6	84.4	84.7	87.5	87.5	88.5	88.9	88.9	88.9	89.0	89.4	89.4	89.4	89.4	89.5
≥ 800	79.7	83.4	85.2	85.5	88.5	88.5	90.2	90.7	90.7	90.7	91.1	91.5	91.5	91.5	91.8	91.9
≥ 700	80.1	83.8	85.8	86.0	89.0	89.0	90.7	91.2	91.2	91.2	91.6	92.0	92.0	92.2	92.3	92.4
≥ 600	80.5	84.2	86.1	86.4	89.4	89.4	91.1	91.6	91.6	91.6	92.0	92.4	92.4	92.5	92.7	92.8
≥ 500	81.0	85.1	87.1	87.3	90.3	90.3	92.2	92.8	92.8	92.8	93.3	93.7	93.7	93.9	94.0	94.1
≥ 400	82.0	86.4	88.4	88.6	91.6	91.6	93.6	94.2	94.2	94.2	94.8	95.2	95.2	95.4	95.6	95.7
≥ 300	82.1	86.5	88.6	88.9	91.9	91.9	93.9	94.5	94.5	94.5	95.2	95.6	95.6	95.8	95.9	96.1
≥ 200	82.5	86.9	89.2	89.4	92.5	92.5	94.5	95.3	95.4	95.4	96.1	96.7	96.7	97.1	97.3	97.5
≥ 100	82.5	86.9	89.3	89.5	92.7	92.7	94.9	95.7	95.8	95.8	96.7	97.4	97.4	97.9	98.0	98.7
≥ 0	82.5	86.9	89.3	89.5	92.7	92.7	94.9	95.7	95.8	95.8	96.7	97.4	97.4	97.9	98.0	100.0

TOTAL NUMBER OF OBSERVATIONS 745

2

DATA PROCESSING DIVISION
USAF ETAC
AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

94010
STATIONGLASGOW MONTANA AFB
STATION NAME

60-68

YEARS

MAR

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

0000-0200

CEILING (FEET)	VISIBILITY (STATUTE MILES)															
	≥10	≥6	≥5	≥4	≥3	≥2.5	≥2	≥1.5	≥1	≥0.5	≥0.25	≥0.15	≥0.1	≥0.05	≥0.025	≥0
NO CEILING	59.9	60.3	60.8	61.1	61.3	61.3	61.3	61.3	61.3	61.3	61.3	61.3	61.3	61.5	61.6	61.6
≥ 20000	71.0	71.6	72.0	72.3	72.5	72.5	72.5	72.5	72.5	72.5	72.5	72.5	72.5	72.8	72.9	72.9
≥ 18000	71.0	71.6	72.0	72.3	72.5	72.5	72.5	72.5	72.5	72.5	72.5	72.5	72.5	72.8	72.9	72.9
≥ 16000	71.0	71.6	72.0	72.3	72.5	72.5	72.5	72.5	72.5	72.5	72.5	72.5	72.5	72.8	72.9	72.9
≥ 14000	71.0	71.6	72.0	72.3	72.5	72.5	72.5	72.5	72.5	72.5	72.5	72.5	72.5	72.8	72.9	72.9
≥ 12000	71.7	72.3	72.8	73.0	73.2	73.2	73.2	73.2	73.2	73.2	73.2	73.2	73.2	73.5	73.6	73.6
≥ 10000	73.4	74.0	74.4	74.7	74.9	74.9	74.9	74.9	74.9	74.9	74.9	74.9	74.9	75.1	75.3	75.3
≥ 9000	74.0	74.6	75.0	75.3	75.5	75.5	75.5	75.5	75.5	75.5	75.5	75.5	75.5	75.7	75.9	75.9
≥ 8000	76.5	77.1	77.5	77.8	78.0	78.0	78.0	78.0	78.0	78.0	78.0	78.0	78.0	78.3	78.4	78.4
≥ 7000	77.7	78.3	78.7	79.1	79.3	79.3	79.3	79.3	79.3	79.3	79.3	79.3	79.3	79.6	79.7	79.7
≥ 6000	79.3	79.9	80.4	80.8	81.0	81.0	81.0	81.0	81.0	81.0	81.0	81.0	81.0	81.2	81.4	81.4
≥ 5000	80.6	81.2	81.7	82.1	82.3	82.3	82.3	82.3	82.3	82.3	82.3	82.3	82.3	82.6	82.7	82.7
≥ 4500	81.4	82.4	82.9	83.3	83.5	83.5	83.5	83.5	83.5	83.5	83.5	83.5	83.5	83.8	83.9	83.9
≥ 4000	83.5	84.8	85.5	85.9	86.4	86.4	86.4	86.4	86.4	86.4	86.4	86.4	86.4	86.6	86.7	86.7
≥ 3500	84.6	85.9	86.9	87.2	87.7	87.7	87.7	87.7	87.7	87.7	87.7	87.7	87.7	87.9	88.1	88.1
≥ 3000	85.1	86.4	87.3	87.8	88.3	88.3	88.3	88.3	88.3	88.3	88.3	88.3	88.3	88.5	88.6	88.6
≥ 2500	86.0	87.6	88.6	89.2	89.7	89.7	89.7	89.7	89.7	89.7	89.7	89.7	89.7	90.0	90.2	90.2
≥ 2000	87.1	88.6	90.0	90.7	91.3	91.4	91.5	91.5	91.5	91.5	91.6	91.6	91.6	91.9	92.1	92.1
≥ 1800	87.5	89.0	90.3	91.0	91.6	91.8	92.0	92.0	92.0	92.0	92.1	92.1	92.1	92.4	92.6	92.6
≥ 1500	88.2	89.7	91.2	91.9	92.7	92.8	93.3	93.3	93.3	93.3	93.5	93.5	93.5	93.8	94.0	94.0
≥ 1200	88.5	90.2	91.6	92.5	93.3	93.4	94.0	94.0	94.0	94.0	94.3	94.3	94.3	94.5	94.7	94.7
≥ 1000	88.6	90.3	91.9	92.7	94.0	94.1	94.9	95.0	95.0	95.0	95.2	95.2	95.2	95.5	95.7	95.7
≥ 900	88.9	90.6	92.1	93.0	94.3	94.4	95.1	95.2	95.2	95.3	95.3	95.3	95.3	95.7	95.9	95.9
≥ 800	89.0	90.7	92.2	93.1	94.4	94.5	95.2	95.3	95.3	95.3	95.7	95.7	95.7	95.9	96.2	96.2
≥ 700	89.1	90.9	92.5	93.3	94.6	94.9	95.6	95.7	95.7	95.7	96.3	96.3	96.3	96.8	97.0	97.0
≥ 600	89.5	91.3	92.8	93.7	95.0	95.2	96.1	96.2	96.2	96.2	97.0	97.0	97.0	97.3	97.5	97.5
≥ 500	89.8	91.6	93.2	94.0	95.3	95.6	96.5	96.7	96.7	96.7	97.5	97.6	97.6	97.8	98.1	98.1
≥ 400	90.0	91.8	93.3	94.1	95.5	95.7	96.7	96.8	96.8	96.8	97.6	97.7	97.7	98.0	98.2	98.2
≥ 300	90.1	91.9	93.7	94.6	96.3	96.5	97.5	97.6	97.6	97.6	98.4	98.6	98.6	98.8	99.0	99.0
≥ 200	90.1	91.9	93.7	94.6	96.3	96.5	97.5	97.6	97.6	97.6	98.4	98.6	98.6	98.8	99.0	99.0
≥ 100	90.1	91.9	93.7	94.6	96.3	96.5	97.5	97.6	97.6	97.6	98.4	98.6	98.6	98.8	99.0	99.0
≥ 0	90.1	91.9	93.7	94.6	96.3	96.5	97.5	97.6	97.6	97.6	98.4	98.6	98.6	98.8	99.0	100.0

TOTAL NUMBER OF OBSERVATIONS

837

USAFETAC FORM 34-64 0-14-5 (OL 1) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

2

DATA PROCESSING DIVISION
USAF ETAC
AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

94010
STATIONGLASSBORO MONTANA AFB
STATION NAME60-68
YEARSMAR
MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

0300-0500
HOURS TEST

CEILING (FEET)	VISIBILITY (STATUTE MILES)															
	≥ 10	≥ 6	≥ 5	≥ 4	≥ 3	≥ 2.5	≥ 2	≥ 1.5	≥ 1.25	≥ 1	≥ .75	≥ .5	≥ .25	≥ .16	≥ .1	≥ 0
NO CEILING	56.9	57.8	58.0	58.3	58.4	58.6	58.7	58.7	58.7	58.7	59.0	59.0	59.4	59.4	59.6	59.7
≥ 20000	65.7	66.5	66.7	67.0	67.1	67.3	67.5	67.5	67.5	67.5	67.7	67.7	68.2	68.2	68.3	68.4
≥ 18000	65.7	66.5	66.7	67.0	67.1	67.3	67.5	67.5	67.5	67.5	67.7	67.7	68.2	68.2	68.3	68.4
≥ 16000	65.7	66.5	66.7	67.0	67.1	67.3	67.5	67.5	67.5	67.5	67.7	67.7	68.2	68.2	68.3	68.4
≥ 14000	65.7	66.5	66.7	67.0	67.1	67.3	67.5	67.5	67.5	67.5	67.7	67.7	68.2	68.2	68.3	68.4
≥ 12000	66.4	67.2	67.5	67.7	67.8	68.1	68.2	68.2	68.2	68.2	68.4	68.4	68.9	68.9	69.0	69.1
≥ 10000	68.1	68.9	69.1	69.4	69.5	69.7	69.9	69.9	69.9	69.9	70.1	70.1	70.6	70.6	70.7	70.8
≥ 9000	68.3	69.4	69.6	69.9	70.0	70.2	70.3	70.3	70.3	70.3	70.6	70.6	71.1	71.1	71.2	71.3
≥ 8000	70.5	71.3	71.5	71.8	71.9	72.1	72.2	72.2	72.2	72.2	72.5	72.5	73.0	73.0	73.1	73.2
≥ 7000	73.2	74.3	74.6	74.9	75.0	75.2	75.4	75.4	75.4	75.4	75.6	75.6	76.1	76.1	76.2	76.3
≥ 6000	73.7	74.9	75.4	75.6	75.7	76.0	76.1	76.1	76.1	76.1	76.3	76.3	76.8	76.8	76.9	77.0
≥ 5000	74.9	76.1	76.6	76.8	76.9	77.2	77.3	77.3	77.3	77.3	77.5	77.5	78.0	78.0	78.1	78.2
≥ 4500	76.0	77.4	78.0	78.2	78.3	78.6	78.7	78.7	78.7	78.7	78.9	78.9	79.4	79.4	79.5	79.7
≥ 4000	77.4	78.9	79.5	79.8	80.4	80.6	80.7	80.7	80.7	80.7	81.0	81.0	81.5	81.5	81.6	81.7
≥ 3500	77.6	79.3	80.0	80.4	81.1	81.3	81.5	81.5	81.5	81.5	81.7	81.7	82.2	82.2	82.3	82.4
≥ 3000	78.8	80.9	81.9	82.3	83.0	83.3	83.4	83.4	83.4	83.4	83.6	83.6	84.1	84.1	84.2	84.3
≥ 2500	80.4	82.5	83.9	84.6	85.4	85.6	85.8	86.0	86.0	86.0	86.2	86.2	86.7	86.7	86.8	87.0
≥ 2000	81.9	84.2	85.6	86.5	87.4	87.8	87.9	88.2	88.2	88.2	88.4	88.4	88.9	88.9	89.0	89.1
≥ 1800	82.7	85.0	86.5	87.4	88.4	88.8	88.9	89.1	89.1	89.1	89.4	89.4	89.8	89.8	90.0	90.1
≥ 1500	83.4	85.8	87.2	88.2	89.4	89.7	90.0	90.2	90.2	90.3	90.6	90.6	91.1	91.1	91.3	91.4
≥ 1200	84.2	86.7	88.3	89.4	90.6	90.9	91.1	91.4	91.4	91.5	91.7	91.7	92.3	92.3	92.5	92.6
≥ 1000	84.9	87.6	89.2	90.4	91.7	92.1	92.3	92.3	92.3	92.5	92.8	92.8	93.4	93.4	93.5	93.6
≥ 900	85.0	87.7	89.4	90.6	91.9	92.2	92.3	92.4	92.4	92.7	92.9	92.9	93.5	93.5	93.6	93.7
≥ 800	85.3	87.9	89.6	90.8	92.2	92.6	92.8	92.8	92.8	93.0	93.4	93.4	94.0	94.0	94.1	94.2
≥ 700	85.4	88.0	89.7	90.9	92.3	92.8	93.0	93.0	93.0	93.4	93.8	93.8	94.4	94.4	94.5	94.6
≥ 600	85.5	88.2	90.0	91.1	92.6	93.1	93.4	93.4	93.4	93.8	94.2	94.2	94.8	94.8	94.9	95.0
≥ 500	85.9	88.5	90.4	91.6	93.1	93.7	93.7	93.7	93.7	94.1	94.5	94.5	95.1	95.1	95.2	95.3
≥ 400	85.9	88.5	90.6	91.7	93.2	93.8	93.8	93.8	93.8	94.2	94.6	94.6	95.2	95.2	95.3	95.4
≥ 300	86.1	88.8	91.1	92.3	94.0	94.6	94.6	94.6	94.6	95.0	95.4	95.4	96.0	96.0	96.1	96.2
≥ 200	86.1	88.8	91.1	92.3	94.0	94.6	94.6	94.6	94.6	95.0	95.4	95.4	96.0	96.0	96.1	96.2
≥ 100	86.1	88.8	91.1	92.3	94.0	94.6	94.6	94.6	94.6	95.0	95.4	95.4	96.0	96.0	96.1	96.2
≥ 0	86.1	88.8	91.1	92.3	94.0	94.6	94.6	94.6	94.6	95.0	95.4	95.4	96.0	96.0	96.1	96.2

TOTAL NUMBER OF OBSERVATIONS 826

USAFETAC FORM 0-14-5 (OL 1) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

2
DATA PROCESSING DIVISION
USAF ETAC
AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

96010
STATION

GLASGOW MONTANA AFB
STATION NAME

60-68
YEARS

MAR
MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

0600-0800
HOURS LST

CEILING (FEET)	VISIBILITY (STATUTE MILES)														
	≥ 10	≥ 6	≥ 5	≥ 4	≥ 3	≥ 2½	≥ 2	≥ 1½	≥ 1¼	≥ 1	≥ ¾	≥ ½	≥ ¼	≥ 0	≥ 0
NO CEILING	50.5	51.4	51.6	51.9	51.9	52.1	52.5	52.5	52.5	52.6	52.8	52.8	52.9	53.1	53.2
≥ 20000	58.6	59.5	59.8	60.0	60.0	60.2	60.6	60.6	60.6	60.7	61.0	61.0	61.1	61.2	61.3
≥ 18000	58.6	59.5	59.8	60.0	60.0	60.2	60.6	60.6	60.6	60.7	61.0	61.0	61.1	61.2	61.3
≥ 16000	58.6	59.5	59.8	60.0	60.0	60.2	60.6	60.6	60.6	60.7	61.0	61.0	61.1	61.2	61.3
≥ 14000	58.6	59.5	59.8	60.0	60.0	60.2	60.6	60.6	60.6	60.7	61.0	61.0	61.1	61.2	61.3
≥ 12000	59.6	60.6	60.8	61.1	61.1	61.3	61.7	61.7	61.7	61.8	62.0	62.0	62.2	62.3	62.4
≥ 10000	62.5	63.5	63.7	64.0	64.0	64.2	64.6	64.6	64.7	64.8	65.0	65.0	65.1	65.3	65.4
≥ 9000	63.5	64.4	64.7	64.9	64.9	65.1	65.5	65.5	65.6	65.7	66.0	66.0	66.1	66.2	66.3
≥ 8000	67.2	68.3	68.5	68.7	68.7	69.0	69.5	69.5	69.6	69.8	70.1	70.1	70.2	70.3	70.4
≥ 7000	69.8	70.9	71.1	71.4	71.4	71.6	72.2	72.2	72.3	72.7	72.9	72.9	73.1	73.2	73.3
≥ 6000	71.3	72.5	72.7	73.1	73.3	73.5	74.1	74.1	74.3	74.6	74.9	74.9	75.0	75.1	75.2
≥ 5000	72.5	73.9	74.3	74.6	75.0	75.2	75.8	75.8	75.9	76.3	76.5	76.5	76.8	76.9	77.0
≥ 4500	72.7	74.1	74.5	74.9	75.2	75.4	76.0	76.0	76.2	76.5	76.8	76.8	77.0	77.1	77.2
≥ 4000	73.9	75.4	76.2	76.6	77.1	77.5	78.1	78.1	78.3	78.8	79.0	79.0	79.3	79.4	79.5
≥ 3500	74.6	76.2	77.0	77.6	78.1	78.4	79.2	79.3	79.5	80.0	80.2	80.2	80.5	80.6	80.7
≥ 3000	75.9	77.7	78.6	79.2	79.9	80.2	81.0	81.1	81.3	81.8	82.0	82.0	82.3	82.4	82.5
≥ 2500	76.6	78.4	79.4	80.0	80.7	81.1	81.8	81.9	82.2	82.8	83.0	83.0	83.2	83.4	83.5
≥ 2000	78.1	80.1	81.3	82.0	82.9	83.2	84.1	84.2	84.6	85.3	85.5	85.5	85.7	85.9	86.0
≥ 1800	78.3	80.5	81.7	82.4	83.4	83.7	84.6	84.7	85.1	86.0	86.2	86.2	86.5	86.6	86.7
≥ 1500	79.5	81.8	83.2	84.0	85.0	85.4	86.2	86.3	86.8	87.8	88.1	88.1	88.4	88.5	88.6
≥ 1200	80.2	82.6	84.2	84.9	86.0	86.3	87.2	87.3	87.8	88.9	89.2	89.2	89.5	89.6	89.7
≥ 1000	81.0	83.4	85.0	85.7	87.4	87.8	89.1	89.3	89.9	91.4	91.9	91.9	92.1	92.2	92.3
≥ 900	81.1	83.5	85.1	85.9	87.5	87.9	89.2	89.5	90.1	91.5	92.1	92.1	92.3	92.5	92.6
≥ 800	81.8	84.2	86.0	86.7	88.4	88.7	90.1	90.3	90.9	92.3	92.9	92.9	93.2	93.3	93.7
≥ 700	82.2	84.7	86.5	87.2	88.9	89.2	90.5	90.8	91.5	93.1	93.8	93.8	94.0	94.1	94.3
≥ 600	82.5	85.0	86.8	87.5	89.2	89.7	91.0	91.3	92.0	93.7	94.4	94.4	94.7	94.9	95.2
≥ 500	83.2	85.9	87.7	88.4	90.2	90.5	91.9	92.3	93.1	94.9	95.7	95.7	96.0	96.2	96.3
≥ 400	83.2	85.9	87.7	88.4	90.4	90.8	92.2	92.7	93.4	95.2	96.0	96.0	96.4	96.5	96.9
≥ 300	83.8	86.6	88.6	89.3	91.1	91.5	92.9	93.4	94.1	95.9	96.8	96.8	97.1	97.2	97.3
≥ 200	84.0	86.7	88.7	89.5	91.3	91.6	93.2	93.7	94.4	96.2	97.0	97.0	97.4	97.7	98.0
≥ 100	84.0	86.7	88.7	89.5	91.3	91.6	93.3	93.8	94.5	96.4	97.2	97.2	98.0	98.1	98.4
≥ 0	84.0	86.7	88.7	89.5	91.3	91.6	93.3	93.8	94.5	96.4	97.2	97.2	98.0	98.2	98.6

TOTAL NUMBER OF OBSERVATIONS 835

USAFETAC

FORM
JUL 64

0-14-5 (OL 1) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

2
DATA PROCESSING DIVISION
USAF ETAC
AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

94010 STATION GLASGOW MONTANA AFB STATION NAME

60-68 YEARS

MAR MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

0900-1100 HOURS LST

CEILING (FEET)	VISIBILITY (STATUTE MILES)															
	≥10	≥6	≥5	≥4	≥3	≥2½	≥2	≥1½	≥1¼	≥1	≥¾	≥½	≥¼	≥5/16	≥¼	≥0
NO CEILING	49.6	50.6	50.8	51.0	51.2	51.2	51.3	51.3	51.3	51.3	51.7	51.8	51.8	51.8	52.0	52.2
≥ 20000	60.4	61.8	62.2	62.6	63.0	63.0	63.2	63.3	63.3	63.3	63.6	63.8	63.8	63.8	64.0	64.1
IV 18000	60.4	61.8	62.2	62.6	63.0	63.0	63.2	63.3	63.3	63.3	63.6	63.8	63.8	63.8	64.0	64.1
IV 16000	60.4	61.8	62.2	62.6	63.0	63.0	63.2	63.3	63.3	63.3	63.6	63.8	63.8	63.8	64.0	64.1
IV 14000	60.4	61.8	62.2	62.6	63.0	63.0	63.2	63.3	63.3	63.3	63.6	63.8	63.8	63.8	64.0	64.1
IV 12000	62.6	64.0	64.4	64.7	65.2	65.2	65.3	65.4	65.4	65.4	65.8	65.9	65.9	65.9	66.1	66.3
IV 10000	65.9	67.3	67.9	68.4	68.9	68.9	69.0	69.4	69.4	69.6	70.0	70.2	70.5	70.5	70.7	70.8
IV 9000	66.1	67.6	68.2	68.7	69.1	69.1	69.3	69.6	69.6	69.9	70.2	70.5	70.7	70.7	70.9	71.1
IV 8000	70.7	72.2	72.8	73.3	73.8	73.8	74.3	74.6	74.6	74.9	75.2	75.5	75.7	75.7	76.0	76.1
IV 7000	73.0	74.6	75.2	75.7	76.3	76.3	76.8	77.2	77.2	77.4	77.8	78.0	78.2	78.2	78.5	78.6
IV 6000	73.8	75.5	76.1	76.6	77.2	77.2	77.6	78.0	78.0	78.2	78.6	78.8	79.1	79.1	79.3	79.4
IV 5000	75.1	76.9	77.6	78.1	78.7	78.7	79.2	79.5	79.5	79.8	80.3	80.5	80.9	81.0	81.2	81.3
IV 4500	75.4	77.2	77.9	78.3	78.9	78.9	79.4	79.8	79.8	80.0	80.5	80.7	81.1	81.3	81.6	81.7
IV 4000	76.0	77.8	78.6	79.1	79.7	79.9	80.4	80.9	80.9	81.1	81.6	81.8	82.2	82.4	82.7	82.8
IV 3500	76.2	78.0	78.8	79.3	79.9	80.1	80.6	81.1	81.1	81.3	81.8	82.1	82.4	82.7	82.9	83.0
IV 3000	77.4	79.3	80.1	80.6	81.2	81.5	82.1	82.5	82.5	82.9	83.4	83.6	84.0	84.2	84.4	84.6
IV 2500	77.6	79.5	80.4	80.9	81.5	81.7	82.3	82.8	82.9	83.3	83.9	84.1	84.4	84.7	84.9	85.2
IV 2000	78.8	80.9	81.7	82.2	82.8	83.0	83.6	84.1	84.2	84.6	85.2	85.4	85.8	86.0	86.2	86.5
IV 1800	79.1	81.1	81.9	82.4	83.0	83.3	83.9	84.3	84.4	84.8	85.4	85.6	86.0	86.2	86.5	86.7
IV 1500	81.0	83.0	84.1	84.6	85.2	85.4	86.0	86.5	86.6	87.1	87.8	88.0	88.4	88.6	88.9	89.1
IV 1200	81.8	84.1	85.2	85.6	86.2	86.5	87.2	87.8	87.9	88.5	89.2	89.5	89.8	90.1	90.3	90.6
IV 1000	82.9	85.3	86.7	87.2	87.8	88.0	89.0	89.7	89.8	90.4	91.6	91.9	92.5	92.8	93.3	93.5
IV 900	83.3	85.8	87.3	87.8	88.4	88.6	89.6	90.4	90.6	91.1	92.3	92.6	93.2	93.5	94.0	94.4
IV 800	83.5	86.0	87.6	88.0	88.6	88.9	89.8	90.8	91.0	91.6	92.9	93.3	93.9	94.3	94.7	95.1
IV 700	83.5	86.0	87.7	88.2	88.8	89.0	90.0	90.9	91.1	91.7	93.3	93.7	94.3	94.6	95.1	95.5
IV 600	83.9	86.5	88.3	88.8	89.4	89.6	90.6	91.6	91.9	92.6	94.1	94.5	95.1	95.5	95.9	96.3
IV 500	84.3	87.1	89.0	89.5	90.2	90.4	91.4	92.5	92.8	93.5	95.3	95.7	96.7	97.1	97.6	98.0
IV 400	84.3	87.1	89.0	89.5	90.2	90.4	91.4	92.5	92.8	93.5	95.3	95.7	96.7	97.1	97.6	98.0
IV 300	84.7	87.4	89.4	89.8	90.6	90.8	91.7	92.9	93.3	94.1	95.9	96.3	97.2	97.7	98.2	98.6
IV 200	84.7	87.4	89.3	90.0	90.7	90.9	91.9	93.1	93.4	94.3	96.1	96.4	97.5	98.0	98.6	99.2
IV 100	84.7	87.4	89.3	90.0	90.7	90.9	91.9	93.1	93.4	94.4	96.2	96.5	97.6	98.1	98.7	99.3
IV 0	84.7	87.4	89.3	90.0	90.7	90.9	91.9	93.1	93.4	94.4	96.2	96.5	97.6	98.1	98.8	99.0

TOTAL NUMBER OF OBSERVATIONS 836

2
DATA PROCESSING DIVISION
USAF ETAC
AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

94010
STATION

GLASGOW MONTANA AFB
STATION NAME

60-68
YEARS

MAR
MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

1200-1400
HOURS, CST

CEILING (FEET)	VISIBILITY (STATUTE MILES)															
	≥ 10	≥ 6	≥ 5	≥ 4	≥ 3	≥ 2½	≥ 2	≥ 1½	≥ 1¼	≥ 1	¾	¾	¾	≥ 5/16	¾	≥ 0
NO CEILING	50.2	50.8	51.0	51.4	51.4	51.4	51.4	51.4	51.4	51.4	51.4	51.4	51.4	51.5	51.5	51.5
≥ 20000	62.8	63.6	63.8	64.3	64.4	64.4	64.4	64.5	64.5	64.5	64.5	64.5	64.5	64.6	64.6	64.6
≥ 18000	62.8	63.6	63.8	64.3	64.4	64.4	64.4	64.5	64.5	64.5	64.5	64.5	64.5	64.6	64.6	64.6
≥ 16000	63.0	63.7	63.9	64.4	64.5	64.5	64.5	64.6	64.6	64.6	64.6	64.6	64.6	64.8	64.8	64.8
≥ 14000	63.2	63.9	64.2	64.6	64.8	64.8	64.8	64.9	64.9	64.9	64.9	64.9	64.9	65.0	65.0	65.0
≥ 12000	63.9	66.8	67.0	67.5	67.6	67.6	67.6	67.9	67.9	67.9	67.9	67.9	67.9	68.0	68.0	68.0
≥ 10000	68.8	69.7	70.0	70.3	70.8	70.8	70.8	71.2	71.2	71.2	71.2	71.2	71.4	71.7	71.7	71.7
≥ 9000	69.2	70.0	70.4	70.8	71.2	71.2	71.2	71.6	71.6	71.6	71.6	71.6	71.8	72.0	72.0	72.0
≥ 8000	71.2	72.3	72.6	73.1	73.5	73.5	73.6	74.0	74.0	74.0	74.1	74.1	74.4	74.7	74.7	74.7
≥ 7000	73.2	74.3	74.7	75.1	75.5	75.5	75.6	76.0	76.0	76.0	76.1	76.1	76.5	76.7	76.7	76.7
≥ 6000	74.0	75.0	75.5	76.0	76.3	76.3	76.5	76.8	76.8	76.8	76.9	76.9	77.3	77.5	77.5	77.5
≥ 5000	75.4	76.7	77.2	77.8	78.1	78.1	78.3	78.6	78.6	78.7	79.0	79.0	79.3	79.6	79.6	79.6
≥ 4500	75.4	76.7	77.2	77.8	78.1	78.1	78.3	78.6	78.6	78.7	79.0	79.0	79.3	79.6	79.6	79.6
≥ 4000	76.3	77.7	78.1	78.7	79.1	79.1	79.2	79.6	79.6	79.7	79.9	79.9	80.3	80.5	80.5	80.5
≥ 3500	77.2	78.5	79.0	79.6	79.9	79.9	80.0	80.4	80.4	80.5	80.8	80.8	81.1	81.4	81.4	81.4
≥ 3000	78.5	79.8	80.4	81.0	81.4	81.4	81.5	81.8	81.8	82.2	82.4	82.4	82.8	83.0	83.0	83.0
≥ 2500	78.7	80.2	80.9	81.5	81.8	81.8	82.0	82.3	82.3	82.8	83.0	83.0	83.4	83.6	83.6	83.6
≥ 2000	79.7	81.1	82.0	82.7	83.2	83.2	83.3	83.8	83.8	84.2	84.5	84.5	84.8	85.1	85.1	85.1
≥ 1800	81.0	82.4	83.3	84.0	84.6	84.6	84.7	85.3	85.3	85.8	86.0	86.0	86.4	86.6	86.6	86.6
≥ 1500	82.9	84.6	85.4	86.4	87.0	87.0	87.2	87.9	88.1	88.6	89.0	89.0	89.4	89.6	89.6	89.6
≥ 1200	83.9	85.7	86.5	87.5	88.1	88.1	88.5	89.4	89.6	90.2	90.7	90.7	91.0	91.3	91.3	91.3
≥ 1000	84.7	86.6	87.6	88.5	89.1	89.1	89.6	90.6	91.2	92.1	92.7	92.7	93.2	93.4	93.4	93.4
≥ 900	85.2	87.2	88.2	89.1	89.7	89.7	90.2	91.2	91.8	92.7	93.4	93.4	93.9	94.1	94.1	94.1
≥ 800	85.7	87.7	88.9	89.8	90.4	90.4	91.0	92.0	92.6	93.7	94.4	94.4	94.9	95.1	95.1	95.1
≥ 700	85.9	88.1	89.4	90.3	90.9	90.9	91.5	92.5	93.1	94.1	95.0	95.1	95.6	95.8	95.8	95.8
≥ 600	86.0	88.3	89.7	90.7	91.3	91.3	91.9	92.8	93.4	94.5	95.6	95.7	96.2	96.4	96.4	96.4
≥ 500	86.5	88.8	90.3	91.3	91.9	91.9	92.5	93.4	94.0	95.1	96.4	96.7	97.6	97.8	97.8	97.8
≥ 400	86.7	89.0	90.6	91.5	92.1	92.1	92.7	93.7	94.3	95.3	96.7	96.9	97.6	98.1	98.1	98.1
≥ 300	86.7	89.1	90.7	91.6	92.2	92.2	92.8	93.8	94.4	95.5	96.8	97.0	98.0	98.4	98.6	98.7
≥ 200	86.7	89.1	90.7	91.6	92.2	92.2	92.8	93.8	94.4	95.5	96.8	97.0	98.0	98.4	98.7	98.9
≥ 100	86.7	89.1	90.7	91.6	92.2	92.2	92.8	93.8	94.4	95.6	96.9	97.1	98.1	98.6	99.0	99.4
≥ 0	86.7	89.1	90.7	91.6	92.2	92.2	92.8	93.8	94.4	95.6	96.9	97.1	98.1	98.6	99.4	100.0

TOTAL NUMBER OF OBSERVATIONS 837

2
DATA PROCESSING DIVISION
USAF ETAC
AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

94010
STATION

GLASGOW MONTANA AFB
STATION NAME

60-68
YEARS

MAR
MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

1500-1700
HOURS LST

CEILING (FEET)	VISIBILITY (STATUTE MILES)															
	≥ 10	≥ 6	≥ 5	≥ 4	≥ 3	≥ 2.5	≥ 2	≥ 1.5	≥ 1.0	≥ 0.5	≥ 0.25	≥ 0.15	≥ 0.1	≥ 0.05	≥ 0.025	≥ 0
NO CEILING	46.8	47.1	47.7	47.8	47.9	47.9	48.0	48.0	48.0	48.0	48.0	48.0	48.0	48.0	48.0	48.1
≥ 20000	63.7	64.3	65.0	65.2	65.4	65.4	65.5	65.5	65.5	65.6	65.6	65.6	65.6	65.6	65.6	65.7
≥ 18000	63.9	64.5	65.2	65.5	65.6	65.6	65.7	65.7	65.7	65.8	65.8	65.8	65.8	65.8	65.8	65.9
≥ 16000	63.9	64.5	65.2	65.5	65.6	65.6	65.7	65.7	65.7	65.8	65.8	65.8	65.8	65.8	65.8	65.9
≥ 14000	64.0	64.6	65.4	65.6	65.7	65.7	65.8	65.8	65.8	65.9	65.9	65.9	65.9	65.9	65.9	66.1
≥ 12000	66.7	67.3	68.0	68.2	68.3	68.3	68.5	68.5	68.5	68.6	68.6	68.6	68.6	68.6	68.6	68.7
≥ 10000	69.1	69.7	70.5	70.7	70.8	70.8	71.0	71.0	71.1	71.2	71.2	71.2	71.2	71.2	71.3	71.4
≥ 9000	69.8	70.4	71.2	71.4	71.6	71.6	71.7	71.7	71.8	71.9	71.9	71.9	71.9	71.9	72.0	72.2
≥ 8000	72.2	72.9	73.7	74.0	74.1	74.1	74.4	74.7	74.8	75.0	75.0	75.0	75.0	75.0	75.1	75.3
≥ 7000	74.3	75.3	76.1	76.3	76.5	76.5	76.8	77.1	77.2	77.4	77.4	77.4	77.4	77.4	77.5	77.7
≥ 6000	75.4	76.5	77.3	77.5	77.7	77.7	78.0	78.3	78.4	78.6	78.6	78.6	78.6	78.6	78.7	78.9
≥ 5000	77.3	78.5	79.3	79.6	79.7	79.7	80.0	80.3	80.4	80.6	80.6	80.6	80.6	80.6	80.8	80.9
≥ 4500	77.7	78.9	79.7	79.9	80.0	80.0	80.4	80.6	80.8	81.0	81.0	81.0	81.0	81.0	81.1	81.2
≥ 4000	79.0	80.3	81.2	81.5	81.6	81.6	82.0	82.2	82.3	82.6	82.6	82.6	82.6	82.6	82.7	82.8
≥ 3500	79.6	80.9	81.8	82.1	82.2	82.2	82.6	82.8	82.9	83.2	83.2	83.2	83.2	83.2	83.3	83.4
≥ 3000	81.4	82.9	84.0	84.3	84.5	84.5	84.9	85.2	85.3	85.5	85.7	85.7	85.7	85.7	85.8	85.9
≥ 2500	82.8	84.3	85.4	85.8	85.9	85.9	86.4	86.6	86.7	87.0	87.1	87.1	87.1	87.1	87.2	87.3
≥ 2000	84.2	85.8	87.2	87.6	87.7	87.7	88.2	88.8	88.9	89.1	89.2	89.2	89.2	89.2	89.4	89.5
≥ 1800	84.6	86.1	87.6	87.9	88.1	88.1	88.6	89.1	89.2	89.5	89.6	89.7	89.7	89.7	89.8	90.0
≥ 1500	85.9	87.5	89.2	89.6	89.7	89.7	90.3	90.9	91.0	91.4	91.6	91.8	91.8	91.8	91.9	92.0
≥ 1200	87.2	88.8	90.6	90.9	91.0	91.2	91.8	92.4	92.5	92.8	93.1	93.2	93.2	93.3	93.3	93.4
≥ 1000	88.2	90.0	91.8	92.1	92.2	92.4	93.1	94.1	94.4	95.0	95.2	95.3	95.3	95.3	95.5	95.6
≥ 900	88.4	90.2	92.0	92.4	92.5	92.6	93.3	94.4	94.6	95.2	95.5	95.6	95.6	95.7	95.7	95.8
≥ 800	88.4	90.2	92.0	92.5	92.6	92.8	93.5	94.7	95.1	95.7	96.1	96.2	96.4	96.5	96.5	96.7
≥ 700	88.4	90.2	92.0	92.5	92.6	92.8	93.5	94.7	95.1	95.8	96.4	96.5	96.8	96.9	96.9	97.0
≥ 600	88.4	90.2	92.0	92.5	92.6	92.8	93.5	94.7	95.1	95.8	96.4	96.7	96.9	97.0	97.0	97.1
≥ 500	88.6	90.6	92.4	92.8	93.0	93.2	93.9	95.1	95.6	96.4	97.0	97.3	97.6	98.1	98.1	98.2
≥ 400	88.6	90.6	92.4	93.0	93.1	93.3	94.0	95.2	95.7	96.5	97.1	97.4	98.2	98.7	98.8	98.9
≥ 300	88.6	90.6	92.4	93.0	93.1	93.3	94.0	95.2	95.7	96.5	97.3	97.5	98.3	98.8	98.9	99.0
≥ 200	88.6	90.6	92.4	93.0	93.1	93.3	94.0	95.2	95.7	96.5	97.3	97.5	98.6	99.0	99.2	99.4
≥ 100	88.6	90.6	92.4	93.0	93.1	93.3	94.0	95.2	95.7	96.5	97.3	97.5	98.6	99.0	99.4	99.6
≥ 0	88.6	90.6	92.4	93.0	93.1	93.3	94.0	95.2	95.7	96.5	97.3	97.5	98.6	99.0	99.5	100.0

TOTAL NUMBER OF OBSERVATIONS 837

DATA PROCESSING DIVISION
USAF ETAC
AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

94010 STATION GLASGO, MONTANA AFB STATION NAME

60-68 YEARS

MAR

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

1800-2000

CEILING (FEET)	VISIBILITY, STATUTE MILES															
	≥10	≥6	≥5	≥4	≥3	≥2½	≥2	≥1½	≥1½	≥1	≥1	≥1	≥1	≥1	≥1	≥0
NO CEILING	54.4	55.0	55.1	55.1	55.1	55.1	55.1	55.1	55.1	55.1	55.1	55.1	55.1	55.1	55.1	55.4
≥ 20000	65.9	67.0	67.1	67.5	67.5	67.5	67.5	67.5	67.5	67.5	67.5	67.5	67.6	67.6	67.6	68.0
≥ 18000	65.9	67.0	67.1	67.5	67.5	67.5	67.5	67.5	67.5	67.5	67.5	67.5	67.6	67.6	67.6	68.0
≥ 16000	66.8	67.9	68.0	68.3	68.3	68.3	68.3	68.3	68.3	68.3	68.3	68.3	68.5	68.5	68.5	68.8
≥ 14000	67.4	68.5	68.6	68.9	68.9	68.9	68.9	68.9	68.9	68.9	68.9	69.1	69.1	69.1	69.1	69.4
≥ 12000	68.5	69.7	69.8	70.1	70.1	70.1	70.1	70.1	70.1	70.1	70.1	70.3	70.3	70.3	70.3	70.6
≥ 10000	71.1	72.3	72.4	72.8	72.8	72.8	72.8	72.8	72.8	72.8	72.8	72.9	72.9	72.9	72.9	73.2
≥ 9000	71.3	72.5	72.6	73.0	73.0	73.0	73.0	73.0	73.0	73.0	73.0	73.1	73.1	73.1	73.1	73.5
≥ 8000	74.4	75.6	75.9	76.2	76.3	76.3	76.3	76.3	76.3	76.3	76.3	76.5	76.5	76.5	76.5	76.8
≥ 7000	77.4	78.7	79.0	79.3	79.5	79.5	79.5	79.5	79.5	79.5	79.5	79.6	79.6	79.6	79.6	79.9
≥ 6000	78.5	79.8	80.3	80.6	80.9	80.9	80.9	80.9	80.9	80.9	80.9	81.0	81.0	81.0	81.0	81.4
≥ 5000	80.0	81.4	81.8	82.2	82.4	82.4	82.4	82.4	82.4	82.4	82.4	82.6	82.6	82.6	82.6	82.9
≥ 4500	80.8	82.1	82.6	82.9	83.2	83.2	83.2	83.2	83.2	83.2	83.2	83.3	83.3	83.3	83.3	83.6
≥ 4000	83.4	84.7	85.4	85.8	86.0	86.0	86.0	86.0	86.0	86.0	86.0	86.1	86.1	86.1	86.1	86.5
≥ 3500	83.9	85.2	85.9	86.3	86.5	86.5	86.5	86.5	86.5	86.5	86.5	86.6	86.6	86.6	86.6	87.0
≥ 3000	85.1	86.7	87.6	87.9	88.2	88.2	88.2	88.2	88.2	88.2	88.2	88.3	88.3	88.3	88.3	88.6
≥ 2500	85.4	87.1	88.1	88.4	88.8	88.8	89.0	89.1	89.1	89.1	89.1	89.2	89.2	89.2	89.2	89.6
≥ 2000	86.5	88.3	89.2	89.6	90.1	90.3	90.7	90.9	90.9	90.9	90.9	91.0	91.0	91.0	91.0	91.4
≥ 1800	86.7	88.5	89.5	89.8	90.3	90.6	90.9	91.2	91.2	91.2	91.2	91.3	91.3	91.3	91.3	91.6
≥ 1500	87.7	90.0	91.0	91.8	92.2	92.5	93.0	93.2	93.2	93.2	93.2	93.3	93.3	93.3	93.3	93.7
≥ 1200	88.1	90.4	91.5	92.2	92.7	93.0	93.4	93.8	93.8	93.9	94.0	94.0	94.0	94.0	94.0	94.4
≥ 1000	88.9	91.3	92.4	93.1	93.7	93.9	94.5	94.9	95.2	95.7	95.9	95.9	95.9	95.9	95.9	96.3
≥ 900	89.4	91.8	92.8	93.5	94.1	94.4	95.0	95.3	95.8	96.3	96.5	96.5	96.5	96.5	96.5	96.9
≥ 800	89.4	91.8	93.0	93.7	94.3	94.5	95.3	95.7	96.2	96.9	97.3	97.3	97.3	97.3	97.3	97.6
≥ 700	89.4	91.8	93.0	93.7	94.4	94.6	95.5	95.8	96.3	97.1	97.5	97.5	97.6	97.6	97.6	98.0
≥ 600	89.4	91.8	93.0	93.7	94.4	94.6	95.5	95.8	96.3	97.1	97.5	97.5	97.6	97.6	97.6	98.0
≥ 500	89.6	92.0	93.2	93.9	94.6	94.9	95.7	96.1	96.5	97.8	98.3	98.3	98.4	98.4	98.6	98.9
≥ 400	89.8	92.2	93.4	94.1	94.9	95.1	96.1	96.4	96.9	98.2	98.7	98.7	98.8	98.8	98.9	99.3
≥ 300	89.8	92.2	93.4	94.1	94.9	95.1	96.1	96.4	96.9	98.2	98.7	98.7	98.8	98.8	98.9	99.3
≥ 200	89.8	92.2	93.4	94.1	94.9	95.1	96.2	96.5	97.0	98.3	98.8	98.8	98.9	98.9	99.0	99.4
≥ 100	89.8	92.2	93.4	94.1	94.9	95.1	96.2	96.5	97.0	98.3	98.8	98.8	98.9	98.9	99.0	99.4
≥ 0	89.8	92.2	93.4	94.1	94.9	95.1	96.2	96.5	97.0	98.3	98.8	98.8	98.9	98.9	99.0	100.0

TOTAL NUMBER OF OBSERVATIONS 837

DATA PROCESSING DIVISION
USAF ETAC
AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

94010 STATION GLASGOW MONTANA AFB STATION NAME

60-68 YEARS

PAR

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

2100-2300
HOURS

CEILING (FEET)	VISIBILITY (STATUTE MILES)															
	≥ 10	≥ 6	≥ 5	≥ 4	≥ 3	≥ 2½	≥ 2	≥ 1½	≥ 1¼	≥ 1	≥ ¾	≥ ½	≥ ¼	≥ 1/8	≥ 1/16	≥ 0
NO CEILING	60.9	61.5	61.6	61.8	61.8	61.8	61.8	61.8	61.8	61.8	61.8	61.8	61.8	61.8	61.8	62.2
≥ 20000	70.7	71.6	71.7	71.8	71.8	71.8	71.8	71.8	71.8	71.8	71.8	71.8	71.8	71.8	71.8	72.3
≥ 18000	70.7	71.6	71.7	71.8	71.8	71.8	71.8	71.8	71.8	71.8	71.8	71.8	71.8	71.8	71.8	72.3
≥ 16000	71.0	71.8	71.9	72.0	72.0	72.0	72.0	72.0	72.0	72.0	72.0	72.0	72.0	72.0	72.2	72.5
≥ 14000	71.2	72.0	72.2	72.3	72.3	72.3	72.3	72.3	72.3	72.3	72.3	72.3	72.3	72.3	72.4	72.8
≥ 12000	72.3	73.1	73.2	73.4	73.4	73.4	73.4	73.4	73.4	73.4	73.4	73.4	73.4	73.4	73.5	73.8
≥ 10000	74.7	75.5	75.6	75.7	76.0	76.0	76.0	76.0	76.0	76.0	76.0	76.0	76.0	76.0	76.1	76.5
≥ 9000	75.4	76.2	76.3	76.5	76.7	76.7	76.7	76.7	76.7	76.7	76.7	76.7	76.7	76.7	76.8	77.2
≥ 8000	76.8	77.8	77.9	78.0	78.3	78.3	78.3	78.3	78.3	78.3	78.3	78.3	78.3	78.3	78.4	78.7
≥ 7000	78.7	80.0	80.2	80.4	80.6	80.6	80.6	80.6	80.6	80.6	80.6	80.6	80.6	80.6	80.8	81.1
≥ 6000	79.6	80.9	81.0	81.2	81.5	81.5	81.5	81.5	81.5	81.5	81.5	81.5	81.5	81.5	81.6	82.0
≥ 5000	81.1	82.4	82.6	82.8	83.0	83.0	83.0	83.0	83.0	83.0	83.0	83.0	83.0	83.0	83.2	83.5
≥ 4500	82.0	83.3	83.4	83.6	83.9	83.9	83.9	83.9	83.9	83.9	83.9	83.9	83.9	83.9	84.0	84.3
≥ 4000	83.3	85.1	85.2	85.5	85.8	85.8	85.8	85.8	85.8	85.8	85.8	85.8	85.8	85.8	85.9	86.3
≥ 3500	83.9	85.7	85.8	86.4	86.6	86.6	86.6	86.6	86.6	86.6	86.6	86.6	86.6	86.6	86.7	87.1
≥ 3000	84.5	86.6	86.7	87.3	87.6	87.6	87.6	87.6	87.6	87.6	87.6	87.6	87.6	87.6	87.7	88.1
≥ 2500	85.2	87.3	87.5	88.1	88.8	88.8	89.0	89.0	89.0	89.0	89.0	89.0	89.0	89.0	89.1	89.5
≥ 2000	87.0	89.1	89.2	89.8	90.6	90.7	91.3	91.3	91.3	91.3	91.3	91.3	91.3	91.3	91.4	91.8
≥ 1800	87.1	89.2	89.4	90.0	90.7	90.8	91.4	91.4	91.4	91.4	91.4	91.4	91.4	91.4	91.5	91.9
≥ 1500	88.2	90.6	90.7	91.3	92.0	92.1	92.7	92.8	92.8	92.8	92.8	92.8	92.8	92.8	93.0	93.3
≥ 1200	88.6	91.0	91.2	91.8	92.3	92.6	93.2	93.3	93.3	93.3	93.3	93.4	93.4	93.4	93.5	93.9
≥ 1000	89.1	91.5	91.6	92.2	93.2	93.4	94.0	94.3	94.5	94.6	94.6	94.7	94.7	94.7	94.9	95.2
≥ 900	89.4	91.8	91.9	92.5	93.5	93.7	94.3	94.5	94.7	94.9	95.0	95.0	95.1	95.1	95.1	95.5
≥ 800	89.8	92.2	92.5	93.1	94.1	94.3	95.0	95.2	95.5	95.7	95.8	95.8	95.9	95.9	95.9	96.3
≥ 700	90.0	92.4	92.6	93.2	94.3	94.4	95.2	95.5	95.7	96.2	96.5	96.5	96.7	96.7	96.7	97.0
≥ 600	90.2	92.6	92.8	93.4	94.6	94.7	95.8	96.1	96.3	96.9	97.3	97.3	97.4	97.4	97.4	97.7
≥ 500	90.8	93.2	93.7	94.3	95.5	95.6	96.7	96.9	97.1	97.8	98.3	98.3	98.4	98.4	98.4	98.8
≥ 400	91.3	93.8	94.3	94.9	96.1	96.2	97.3	97.5	97.7	98.4	98.9	98.9	99.0	99.0	99.0	99.4
≥ 300	91.4	93.9	94.4	95.0	96.2	96.3	97.4	97.6	97.8	98.6	99.0	99.0	99.2	99.2	99.2	99.6
≥ 200	91.4	93.9	94.4	95.0	96.2	96.3	97.4	97.6	97.8	98.6	99.2	99.2	99.3	99.3	99.3	99.8
≥ 100	91.4	93.9	94.4	95.0	96.2	96.3	97.4	97.6	97.8	98.6	99.2	99.2	99.3	99.3	99.3	99.8
≥ 0	91.4	93.9	94.4	95.0	96.2	96.3	97.4	97.6	97.8	98.6	99.2	99.2	99.3	99.3	99.3	100.0

TOTAL NUMBER OF OBSERVATIONS 837

2

DATA PROCESSING DIVISION
USAF ETAC
AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

94010
STATIONGLASGOW MONTANA AFB
STATION NAME60-68
YEARS

APR

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)0000-0200
HOURS

CEILING (FEET)	VISIBILITY (STATUTE MILES)															
	≥10	≥6	≥5	≥4	≥3	≥2.5	≥2	≥1.5	≥1	≥0.5	≥0.25	≥0.15	≥0.1	≥0.05	≥0.025	≥0
NO CEILING	60.4	60.4	60.4	60.4	60.4	60.4	60.4	60.4	60.4	60.4	60.4	60.4	60.4	60.4	60.4	60.4
≥ 20000	67.3	67.3	67.3	67.3	67.3	67.3	67.3	67.3	67.3	67.3	67.3	67.3	67.3	67.3	67.3	67.3
≥ 18000	67.3	67.3	67.3	67.3	67.3	67.3	67.3	67.3	67.3	67.3	67.3	67.3	67.3	67.3	67.3	67.3
≥ 16000	67.3	67.3	67.3	67.3	67.3	67.3	67.3	67.3	67.3	67.3	67.3	67.3	67.3	67.3	67.3	67.3
≥ 14000	67.3	67.3	67.3	67.3	67.3	67.3	67.3	67.3	67.3	67.3	67.3	67.3	67.3	67.3	67.3	67.3
≥ 12000	67.4	67.4	67.4	67.4	67.4	67.4	67.4	67.4	67.4	67.4	67.4	67.4	67.4	67.4	67.4	67.4
≥ 10000	70.6	70.6	70.6	70.6	70.6	70.6	70.6	70.6	70.6	70.6	70.6	70.6	70.6	70.6	70.6	70.6
≥ 9000	71.1	71.1	71.1	71.1	71.1	71.1	71.1	71.1	71.1	71.1	71.1	71.1	71.1	71.1	71.1	71.1
≥ 8000	74.0	74.0	74.0	74.0	74.0	74.0	74.0	74.0	74.0	74.0	74.0	74.0	74.0	74.0	74.0	74.0
≥ 7000	75.3	75.3	75.3	75.3	75.3	75.3	75.3	75.3	75.3	75.3	75.3	75.3	75.3	75.3	75.3	75.3
≥ 6000	78.9	78.9	78.9	78.9	78.9	78.9	78.9	78.9	78.9	78.9	78.9	78.9	78.9	78.9	78.9	78.9
≥ 5000	80.7	80.9	80.9	80.9	80.9	80.9	80.9	80.9	80.9	80.9	80.9	80.9	80.9	80.9	80.9	80.9
≥ 4500	81.4	81.5	81.5	81.5	81.5	81.5	81.5	81.5	81.5	81.5	81.5	81.5	81.5	81.5	81.5	81.5
≥ 4000	82.3	82.6	82.7	82.7	82.7	82.8	83.0	83.0	83.0	83.0	83.0	83.0	83.0	83.0	83.0	83.0
≥ 3500	82.3	82.6	82.7	82.7	82.7	82.8	83.0	83.0	83.0	83.0	83.0	83.0	83.0	83.0	83.0	83.0
≥ 3000	83.3	83.8	84.0	84.0	84.0	84.1	84.2	84.2	84.2	84.2	84.2	84.2	84.2	84.2	84.2	84.2
≥ 2500	83.8	84.6	84.7	84.7	84.7	84.8	84.9	84.9	84.9	84.9	84.9	84.9	84.9	84.9	84.9	84.9
≥ 2000	86.4	87.2	87.3	87.3	87.4	87.5	87.7	87.7	87.7	87.7	87.7	87.7	87.7	87.7	87.7	87.7
≥ 1800	86.8	87.5	87.7	87.7	87.9	88.0	88.1	88.1	88.1	88.1	88.1	88.1	88.1	88.1	88.1	88.1
≥ 1500	87.9	88.6	88.8	88.8	89.4	89.5	89.6	89.6	89.6	89.6	89.6	89.6	89.6	89.6	89.6	89.6
≥ 1200	88.8	89.5	89.6	89.6	90.2	90.5	90.7	90.7	90.7	90.7	90.7	90.7	90.7	90.7	90.7	90.7
≥ 1000	89.6	90.4	90.5	90.5	91.1	91.4	91.9	91.9	91.9	92.0	92.0	92.0	92.0	92.0	92.0	92.0
≥ 900	90.2	91.0	91.1	91.1	91.7	92.0	92.7	92.7	92.7	92.8	92.8	92.8	92.8	92.8	92.8	92.8
≥ 800	90.6	91.4	91.6	91.6	92.2	92.5	93.2	93.2	93.2	93.5	93.5	93.5	93.5	93.5	93.5	93.5
≥ 700	91.0	91.7	92.0	92.1	92.8	93.1	93.8	93.8	93.8	94.1	94.1	94.1	94.1	94.1	94.1	94.1
≥ 600	91.5	92.5	92.7	92.8	93.6	93.8	94.7	94.7	94.7	94.9	94.9	94.9	94.9	94.9	94.9	94.9
≥ 500	92.3	93.3	93.6	93.7	94.4	94.7	95.7	95.7	95.7	96.0	96.0	96.0	96.0	96.0	96.0	96.0
≥ 400	92.8	93.8	94.1	94.2	95.1	95.3	96.3	96.4	96.4	96.6	97.2	97.2	97.2	97.2	97.2	97.2
≥ 300	93.1	94.1	94.3	94.4	95.3	95.6	96.5	96.7	96.7	97.4	97.4	97.4	97.4	97.4	97.4	97.4
≥ 200	93.1	94.3	94.6	94.7	95.6	95.8	96.8	96.9	96.9	98.1	98.1	98.1	98.1	98.1	98.1	98.1
≥ 100	93.1	94.3	94.7	94.8	95.8	96.0	97.3	97.4	97.4	98.6	99.1	99.1	99.1	99.1	99.1	99.1
≥ 0	93.1	94.3	94.7	94.8	95.8	96.0	97.3	97.4	97.4	98.6	99.3	99.3	99.3	99.3	99.3	100.0

TOTAL NUMBER OF OBSERVATIONS 810

USAFETAC FORM 0-14-5 (OL 1) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

2

DATA PROCESSING DIVISION
USAF ETAC
AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

94010 STATION GLASGOW MONTANA AFB STATION NAME

60-68

YEARS

APR

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

0300-0500

CEILING (FEET)	VISIBILITY (STATUTE MILES)															
	≥ 10	≥ 6	≥ 5	≥ 4	≥ 3	≥ 2½	≥ 2	≥ 1½	≥ 1¼	≥ 1	≥ ¾	≥ ½	≥ ¼	≥ 5/16	≥ ¼	≥ 0
NO CEILING	57.3	57.3	57.5	57.5	57.5	57.5	57.5	57.5	57.5	57.5	57.5	57.5	57.5	57.5	57.5	57.5
≥ 20000	64.1	64.1	64.3	64.3	64.3	64.3	64.3	64.3	64.3	64.3	64.3	64.3	64.3	64.3	64.3	64.3
≥ 18000	64.1	64.1	64.3	64.3	64.3	64.3	64.3	64.3	64.3	64.3	64.3	64.3	64.3	64.3	64.3	64.3
≥ 16000	64.1	64.1	64.3	64.3	64.3	64.3	64.3	64.3	64.3	64.3	64.3	64.3	64.3	64.3	64.3	64.3
≥ 14000	64.2	64.2	64.4	64.4	64.4	64.4	64.4	64.4	64.4	64.4	64.4	64.4	64.4	64.4	64.4	64.4
≥ 12000	64.6	64.6	64.8	64.8	64.8	64.8	64.8	64.8	64.8	64.8	64.8	64.8	64.8	64.8	64.8	64.8
≥ 10000	65.9	65.9	66.2	66.2	66.2	66.2	66.2	66.2	66.2	66.2	66.2	66.2	66.2	66.2	66.2	66.2
≥ 9000	66.2	66.2	66.4	66.4	66.4	66.4	66.4	66.4	66.4	66.4	66.4	66.4	66.4	66.4	66.4	66.4
≥ 8000	69.3	69.3	69.6	69.6	69.6	69.6	69.6	69.6	69.6	69.6	69.6	69.6	69.6	69.6	69.6	69.6
≥ 7000	71.1	71.1	71.5	71.5	71.5	71.5	71.5	71.5	71.5	71.5	71.5	71.5	71.5	71.5	71.5	71.5
≥ 6000	73.6	73.6	74.0	74.0	74.0	74.0	74.0	74.0	74.0	74.0	74.0	74.0	74.0	74.0	74.0	74.0
≥ 5000	75.3	75.3	75.7	75.7	75.7	75.7	75.7	75.7	75.7	75.7	75.7	75.7	75.7	75.7	75.7	75.7
≥ 4500	75.7	75.8	76.2	76.2	76.3	76.3	76.3	76.3	76.3	76.3	76.3	76.3	76.3	76.3	76.3	76.3
≥ 4000	78.4	78.5	78.9	78.9	79.0	79.0	79.0	79.0	79.0	79.0	79.0	79.0	79.0	79.0	79.0	79.0
≥ 3500	78.9	79.4	79.8	79.8	79.9	79.9	79.9	79.9	79.9	79.9	79.9	79.9	79.9	79.9	79.9	79.9
≥ 3000	79.5	80.1	80.6	80.6	80.7	80.7	80.7	80.7	80.7	80.7	80.7	80.7	80.7	80.7	80.7	80.7
≥ 2500	80.9	81.5	82.0	82.0	82.2	82.2	82.2	82.2	82.2	82.2	82.2	82.2	82.2	82.2	82.2	82.2
≥ 2000	82.3	83.0	83.6	83.6	83.8	83.8	83.8	83.8	83.8	83.8	83.8	83.8	83.8	83.8	83.8	83.8
≥ 1800	82.3	83.0	83.6	83.6	84.0	84.0	84.0	84.0	84.0	84.0	84.0	84.0	84.0	84.0	84.0	84.0
≥ 1500	83.0	83.6	84.2	84.2	84.9	84.9	84.9	84.9	84.9	84.9	84.9	84.9	84.9	84.9	84.9	84.9
≥ 1200	84.7	85.6	86.2	86.3	86.9	86.9	86.9	86.9	87.0	87.0	87.0	87.0	87.0	87.0	87.0	87.0
≥ 1000	85.6	86.4	87.0	87.3	87.9	87.9	88.4	88.6	88.8	88.9	88.9	88.9	89.0	89.0	89.0	89.0
≥ 900	85.8	86.7	87.3	87.5	88.1	88.1	88.6	88.9	89.0	89.1	89.1	89.1	89.3	89.3	89.3	89.3
≥ 800	86.9	87.9	88.5	88.8	89.5	89.5	90.0	90.2	90.4	90.6	90.6	90.6	90.7	90.7	90.7	90.7
≥ 700	87.9	89.0	89.6	89.9	90.6	90.6	91.2	91.6	91.7	92.1	92.1	92.1	92.2	92.2	92.2	92.2
≥ 600	88.1	89.3	90.1	90.4	91.2	91.2	92.0	92.3	92.5	92.8	92.8	92.8	93.0	93.1	93.1	93.1
≥ 500	89.0	90.1	91.0	91.2	92.2	92.2	93.0	93.3	93.5	93.8	94.0	94.0	94.1	94.2	94.2	94.2
≥ 400	89.8	90.9	91.7	92.0	93.3	93.3	94.1	94.4	94.6	95.3	95.4	95.4	95.6	95.7	95.7	95.7
≥ 300	89.8	90.9	91.9	92.2	93.8	93.8	94.9	95.3	95.4	96.4	96.5	96.5	96.7	96.8	96.8	96.8
≥ 200	89.9	91.0	92.1	92.5	94.1	94.2	95.3	95.8	95.9	97.2	97.4	97.4	97.5	97.7	97.7	97.7
≥ 100	89.9	91.1	92.2	92.6	94.2	94.3	95.4	95.9	96.0	97.3	97.7	97.7	97.8	97.9	97.9	98.0
≥ 0	89.9	91.1	92.2	92.6	94.2	94.3	95.4	95.9	96.0	97.3	97.7	97.7	97.8	97.9	97.9	100.0

TOTAL NUMBER OF OBSERVATIONS 810

USAFETAC FORM 0-14-5 (OL 1) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

2

DATA PROCESSING DIVISION
USAF ETAC
AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

94010
STATIONGLASGOW MONTANA AFB
STATION NAME60-68
YEARS

APR

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

0600-0800

CEILING (FEET)	VISIBILITY (STATUTE MILES)															
	≥10	≥6	≥5	≥4	≥3	≥2½	≥2	≥1½	≥1¼	≥1	≥¾	≥½	≥¼	≥⅓	≥⅒	≥0
NO CEILING	47.8	47.8	47.9	47.9	48.0	48.0	48.0	48.0	48.0	48.0	48.0	48.0	48.0	48.0	48.0	48.1
≥ 20000	56.5	56.7	56.8	56.8	57.0	57.0	57.0	57.0	57.0	57.0	57.0	57.0	57.0	57.0	57.0	57.2
≥ 18000	56.5	56.7	56.8	56.8	57.0	57.0	57.0	57.0	57.0	57.0	57.0	57.0	57.0	57.0	57.0	57.2
≥ 16000	56.7	56.8	56.9	56.9	57.2	57.2	57.2	57.2	57.2	57.2	57.2	57.2	57.2	57.2	57.2	57.3
≥ 14000	57.2	57.3	57.4	57.4	57.7	57.7	57.7	57.7	57.7	57.7	57.7	57.7	57.7	57.7	57.7	57.8
≥ 12000	59.9	60.0	60.1	60.1	60.4	60.4	60.4	60.4	60.4	60.4	60.4	60.4	60.4	60.4	60.4	60.5
≥ 10000	62.1	62.2	62.3	62.3	62.6	62.6	62.6	62.6	62.6	62.6	62.6	62.6	62.6	62.6	62.6	62.7
≥ 9000	63.1	63.3	63.5	63.5	63.7	63.7	63.7	63.7	63.7	63.7	63.7	63.7	63.7	63.7	63.7	63.8
≥ 8000	66.0	66.3	66.4	66.4	66.7	66.7	66.7	66.7	66.7	66.7	66.7	66.7	66.7	66.7	66.7	66.8
≥ 7000	68.1	68.4	68.5	68.5	68.8	68.8	68.8	68.8	68.8	68.8	68.8	68.8	68.8	68.8	68.8	68.9
≥ 6000	69.5	69.8	69.9	69.9	70.1	70.1	70.1	70.1	70.1	70.1	70.1	70.1	70.1	70.1	70.1	70.2
≥ 5000	71.9	72.1	72.2	72.2	72.5	72.5	72.5	72.5	72.5	72.5	72.5	72.5	72.5	72.5	72.5	72.6
≥ 4500	72.1	72.3	72.5	72.5	72.8	72.8	72.8	72.8	72.8	72.8	72.8	72.8	72.8	72.8	72.8	73.0
≥ 4000	74.4	74.7	74.8	74.9	75.3	75.3	75.3	75.3	75.3	75.3	75.3	75.3	75.3	75.3	75.3	75.4
≥ 3500	76.0	76.3	76.4	76.5	76.9	76.9	76.9	76.9	76.9	76.9	76.9	76.9	76.9	76.9	76.9	77.0
≥ 3000	76.4	76.8	76.9	77.0	77.4	77.4	77.4	77.4	77.4	77.4	77.4	77.4	77.4	77.4	77.4	77.5
≥ 2500	77.7	78.3	78.5	78.6	79.1	79.1	79.1	79.1	79.1	79.1	79.1	79.1	79.1	79.1	79.1	79.3
≥ 2000	78.8	79.4	79.8	79.9	80.6	80.6	80.6	80.6	80.6	80.7	80.7	80.7	80.7	80.7	80.7	80.9
≥ 1800	78.8	79.4	79.8	79.9	80.6	80.6	80.6	80.6	80.6	80.7	80.7	80.7	80.7	80.7	80.7	80.9
≥ 1500	79.0	79.8	80.1	80.4	81.4	81.4	81.5	81.5	81.5	81.7	81.7	81.7	81.7	81.7	81.7	81.9
≥ 1200	80.4	81.1	81.5	81.9	83.0	83.1	83.2	83.3	83.3	83.6	83.6	83.6	83.6	83.6	83.6	83.7
≥ 1000	82.5	83.3	84.0	84.3	85.4	85.6	85.9	86.2	86.2	86.4	86.4	86.4	86.4	86.5	86.5	86.7
≥ 900	83.0	83.8	84.4	84.8	85.9	86.0	86.4	86.7	86.7	86.9	86.9	86.9	86.9	87.0	87.0	87.2
≥ 800	83.5	84.3	85.1	85.4	86.5	86.7	87.0	87.3	87.3	87.5	87.7	87.7	87.7	87.9	87.9	88.0
≥ 700	84.3	85.4	86.2	86.5	87.8	87.9	88.4	88.9	88.9	89.1	89.4	89.4	89.6	89.6	89.6	89.8
≥ 600	84.4	85.8	86.5	86.9	88.1	88.3	88.8	89.3	89.4	89.6	89.9	89.9	90.2	90.2	90.4	90.5
≥ 500	85.1	86.5	87.3	87.7	88.9	89.0	89.5	90.1	90.2	90.3	91.1	91.1	91.7	91.9	92.0	92.1
≥ 400	86.5	88.5	89.5	89.9	91.6	91.7	92.2	92.8	93.0	93.2	93.8	94.0	94.7	94.8	94.9	95.1
≥ 300	86.5	88.5	90.0	90.4	92.3	92.5	93.1	93.7	93.8	94.2	94.8	95.2	95.9	96.0	96.5	96.7
≥ 200	86.5	88.5	90.0	90.5	92.8	93.0	93.7	94.3	94.4	94.9	95.7	96.0	96.9	97.0	97.5	97.7
≥ 100	86.5	88.5	90.0	90.5	92.8	93.0	93.7	94.3	94.4	95.1	95.9	96.3	97.2	97.5	98.0	98.5
≥ 0	86.5	88.5	90.0	90.5	92.8	93.0	93.7	94.3	94.4	95.1	95.9	96.3	97.2	97.5	98.1	100.0

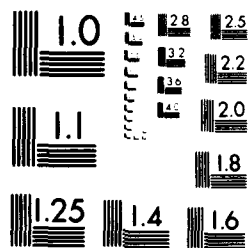
TOTAL NUMBER OF OBSERVATIONS 810

USAFETAC FORM 0-14-5 (01 1) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

AIR FORCE ENVIRONMENTAL TECHNICAL APPLICATIONS CENTER--ETC F/O 4/2
GLASSON AFB, GLASSON MONTANA. REVISED UNIFORM SUMMARY OF SURFAC--ETC(U)
APR 72

USAFETAC/DS-00/018

11



MICROCOPY RESOLUTION TEST CHART
NATIONAL BUREAU OF STANDARDS-1963-A

DATA PROCESSING DIVISION
USAF ETAC
AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

94010
STATION

GLASGOW MONTANA AFB
STATION NAME

60-68
YEARS

APR
MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

0900-1100
HOURS

CEILING (FEET)	VISIBILITY (STATUTE MILES)															
	≥ 10	≥ 6	≥ 5	≥ 4	≥ 3	≥ 2½	≥ 2	≥ 1½	≥ 1¼	≥ 1	¾	½	¼	≥ 5/16	≥ 1/8	≥ 0
NO CEILING	44.6	44.8	45.1	45.1	45.1	45.1	45.1	45.1	45.1	45.1	45.2	45.2	45.2	45.3	45.3	45.3
≥ 20000	55.6	55.8	56.0	56.0	56.0	56.0	56.0	56.0	56.0	56.0	56.2	56.2	56.2	56.3	56.3	56.3
≥ 18000	55.6	55.8	56.0	56.0	56.0	56.0	56.0	56.0	56.0	56.0	56.2	56.2	56.2	56.3	56.3	56.3
≥ 16000	55.7	55.9	56.2	56.2	56.2	56.2	56.2	56.2	56.2	56.2	56.3	56.3	56.3	56.4	56.4	56.4
≥ 14000	56.4	56.7	56.9	56.9	56.9	56.9	56.9	56.9	56.9	56.9	57.0	57.0	57.0	57.2	57.2	57.2
≥ 12000	58.3	58.5	58.8	58.8	58.8	58.8	58.8	58.8	58.8	58.8	58.9	58.9	58.9	59.0	59.0	59.0
≥ 10000	61.4	61.6	61.9	61.9	61.9	61.9	61.9	61.9	61.9	61.9	62.0	62.0	62.0	62.1	62.1	62.1
≥ 9000	62.5	62.7	63.0	63.0	63.0	63.0	63.0	63.0	63.0	63.0	63.1	63.1	63.1	63.2	63.2	63.2
≥ 8000	65.9	66.2	66.4	66.4	66.4	66.4	66.4	66.4	66.4	66.4	66.5	66.5	66.5	66.7	66.7	66.7
≥ 7000	66.9	67.2	67.4	67.4	67.4	67.4	67.4	67.4	67.4	67.4	67.5	67.5	67.5	67.7	67.7	67.7
≥ 6000	68.1	68.4	68.6	68.6	68.6	68.6	68.6	68.6	68.6	68.6	68.8	68.8	68.8	68.9	68.9	68.9
≥ 5000	69.0	69.3	69.5	69.5	69.5	69.5	69.5	69.5	69.5	69.5	69.6	69.6	69.6	69.8	69.8	69.8
≥ 4500	69.6	69.9	70.1	70.1	70.1	70.1	70.1	70.1	70.1	70.1	70.2	70.2	70.2	70.4	70.4	70.4
≥ 4000	70.6	71.0	71.2	71.4	71.4	71.4	71.5	71.5	71.5	71.5	71.6	71.6	71.6	71.7	71.7	71.7
≥ 3500	71.5	71.9	72.1	72.2	72.2	72.2	72.3	72.3	72.3	72.3	72.5	72.5	72.5	72.6	72.6	72.6
≥ 3000	73.6	74.1	74.3	74.4	74.4	74.4	74.6	74.6	74.6	74.6	74.7	74.8	74.8	74.9	74.9	74.9
≥ 2500	75.1	75.8	76.0	76.2	76.2	76.2	76.3	76.3	76.3	76.3	76.4	76.5	76.5	76.7	76.7	76.7
≥ 2000	76.4	77.3	77.5	77.7	77.8	77.8	77.9	77.9	77.9	77.9	78.0	78.1	78.1	78.3	78.3	78.3
≥ 1800	77.3	78.1	78.4	78.6	78.8	78.8	78.9	78.9	78.9	78.9	79.0	79.1	79.1	79.3	79.3	79.3
≥ 1500	79.6	80.5	80.7	81.0	81.1	81.1	81.2	81.2	81.2	81.2	81.4	81.5	81.5	81.6	81.6	81.6
≥ 1200	81.2	82.3	82.8	83.3	83.5	83.5	83.6	83.7	83.7	83.7	83.8	84.0	84.0	84.1	84.1	84.1
≥ 1000	82.0	84.3	85.3	85.9	86.0	86.0	86.2	86.5	86.7	86.8	86.9	87.0	87.0	87.2	87.2	87.2
≥ 900	83.5	85.1	86.0	86.7	86.8	86.8	87.0	87.3	87.4	87.8	87.9	88.0	88.0	88.1	88.1	88.1
≥ 800	84.3	85.9	87.2	87.8	87.9	87.9	88.1	88.4	88.5	88.9	89.2	89.5	89.5	89.6	89.6	89.6
≥ 700	85.2	86.9	88.1	88.8	88.9	88.9	89.1	89.5	89.6	90.4	90.9	91.1	91.1	91.4	91.4	91.4
≥ 600	85.7	87.5	88.8	89.4	89.6	89.6	89.9	90.2	90.4	91.1	91.6	91.9	92.0	92.2	92.2	92.2
≥ 500	86.7	89.4	90.7	91.4	91.6	91.6	91.9	92.5	92.6	93.3	94.3	94.6	94.7	94.9	94.9	94.9
≥ 400	87.0	90.2	92.0	92.6	93.1	93.1	93.5	94.1	94.2	95.2	96.3	96.5	96.7	97.0	97.0	97.0
≥ 300	87.0	90.4	92.3	93.0	93.5	93.6	94.0	94.6	94.8	95.8	96.9	97.2	97.3	97.8	97.8	97.8
≥ 200	87.0	90.4	92.3	93.0	93.5	93.6	94.0	94.6	94.8	95.8	97.0	97.7	97.9	98.3	98.6	99.0
≥ 100	87.0	90.4	92.3	93.0	93.5	93.6	94.0	94.6	94.8	95.8	97.0	97.7	98.0	98.6	99.0	99.8
≥ 0	87.0	90.4	92.3	93.0	93.5	93.6	94.0	94.6	94.8	95.8	97.0	97.7	98.1	98.8	99.1	100.0

TOTAL NUMBER OF OBSERVATIONS 810

DATA PROCESSING DIVISION
USAF ETAC
AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

94010
STATION

GLASGOW MONTANA AFB
STATION NAME

60-68
YEARS

APR
MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

1200-1400
HOURS LST.

CEILING (FEET)	VISIBILITY (STATUTE MILES)															
	≥10	≥6	≥5	≥4	≥3	≥2½	≥2	≥1½	≥1¼	≥1	¾	¾	¾	≥5/16	¾	≥0
NO CEILING	37.3	37.5	37.8	37.8	37.8	37.8	37.8	37.8	37.8	37.8	37.8	37.8	37.8	37.9	37.9	37.9
≥ 20000	52.7	53.2	53.5	53.5	53.5	53.5	53.5	53.5	53.5	53.5	53.5	53.5	53.5	53.6	53.6	53.6
≥ 18000	52.7	53.2	53.5	53.5	53.5	53.5	53.5	53.5	53.5	53.5	53.5	53.5	53.5	53.6	53.6	53.6
≥ 16000	52.8	53.3	53.7	53.7	53.7	53.7	53.7	53.7	53.7	53.7	53.7	53.7	53.7	53.8	53.8	53.8
≥ 14000	52.8	53.3	53.7	53.7	53.7	53.7	53.7	53.7	53.7	53.7	53.7	53.7	53.7	53.8	53.8	53.8
≥ 12000	54.7	55.3	55.6	55.6	55.6	55.6	55.6	55.6	55.6	55.6	55.6	55.6	55.6	55.7	55.7	55.7
≥ 10000	57.2	57.8	58.0	58.0	58.0	58.0	58.0	58.0	58.0	58.0	58.0	58.0	58.0	58.1	58.1	58.1
≥ 9000	57.8	58.4	58.6	58.6	58.6	58.6	58.6	58.6	58.6	58.6	58.6	58.6	58.6	58.8	58.8	58.8
≥ 8000	59.8	60.4	60.7	60.9	60.9	61.0	61.0	61.0	61.0	61.0	61.0	61.0	61.0	61.1	61.1	61.1
≥ 7000	62.0	62.6	63.0	63.1	63.1	63.2	63.2	63.2	63.2	63.2	63.2	63.2	63.2	63.3	63.3	63.3
≥ 6000	63.5	64.1	64.4	64.6	64.6	64.7	64.7	64.7	64.7	64.7	64.7	64.7	64.7	64.8	64.8	64.8
≥ 5000	65.6	66.2	66.5	66.7	66.7	66.8	66.8	66.8	66.8	66.8	66.8	66.8	66.8	66.9	66.9	66.9
≥ 4500	66.2	66.8	67.2	67.3	67.3	67.4	67.4	67.4	67.4	67.4	67.4	67.4	67.4	67.5	67.5	67.5
≥ 4000	70.7	71.4	71.7	71.9	71.9	72.0	72.0	72.0	72.0	72.0	72.0	72.0	72.0	72.1	72.1	72.1
≥ 3500	71.9	72.5	72.8	73.0	73.0	73.1	73.1	73.1	73.1	73.1	73.1	73.1	73.1	73.2	73.2	73.2
≥ 3000	75.4	76.4	76.9	77.0	77.0	77.2	77.3	77.3	77.3	77.3	77.3	77.3	77.3	77.4	77.4	77.4
≥ 2500	77.4	78.6	79.1	79.3	79.3	79.4	79.4	79.5	79.5	79.5	79.5	79.5	79.5	79.6	79.6	79.6
≥ 2000	79.3	80.6	81.2	81.4	81.4	81.5	81.6	81.6	81.6	81.6	81.6	81.6	81.6	81.7	81.7	81.7
≥ 1800	80.6	82.0	82.6	82.7	82.8	83.0	83.1	83.1	83.1	83.1	83.1	83.1	83.1	83.2	83.2	83.2
≥ 1500	82.7	84.7	85.4	85.7	85.8	85.9	86.3	86.3	86.3	86.3	86.3	86.3	86.3	86.4	86.4	86.4
≥ 1200	85.8	87.9	88.6	88.9	89.1	89.3	90.0	90.0	90.0	90.0	90.0	90.0	90.0	90.1	90.1	90.1
≥ 1000	87.2	89.3	90.4	90.6	91.0	91.4	92.1	92.2	92.2	92.2	92.2	92.2	92.2	92.3	92.3	92.3
≥ 900	87.7	90.0	90.9	91.1	91.5	92.0	92.7	92.8	92.8	92.8	92.8	92.8	92.8	93.1	93.1	93.1
≥ 800	88.0	90.4	91.6	92.0	92.3	92.8	93.6	93.7	93.7	93.7	93.7	93.7	93.7	94.0	94.0	94.0
≥ 700	89.1	91.7	93.0	93.3	93.7	94.2	94.9	95.1	95.1	95.3	95.4	95.4	95.4	95.7	95.7	95.7
≥ 600	89.9	92.3	93.8	94.2	94.6	95.2	96.0	96.2	96.2	96.4	96.7	96.7	96.7	97.0	97.0	97.0
≥ 500	90.2	92.8	94.6	94.9	95.3	95.9	96.9	97.0	97.2	97.5	98.1	98.1	98.1	98.3	98.3	98.3
≥ 400	90.2	93.1	94.8	95.2	95.7	96.3	97.4	97.5	97.8	98.1	98.8	98.8	98.8	99.1	99.1	99.1
≥ 300	90.2	93.2	94.9	95.3	95.8	96.4	97.5	97.7	97.9	98.4	99.1	99.1	99.3	99.3	99.3	99.3
≥ 200	90.2	93.2	94.9	95.3	95.8	96.4	97.5	97.7	97.9	98.4	99.3	99.3	99.4	99.6	99.6	100.0
≥ 100	90.2	93.2	94.9	95.3	95.8	96.4	97.5	97.7	97.9	98.4	99.3	99.3	99.4	99.6	99.6	100.0
≥ 0	90.2	93.2	94.9	95.3	95.8	96.4	97.5	97.7	97.9	98.4	99.3	99.3	99.4	99.6	99.6	100.0

TOTAL NUMBER OF OBSERVATIONS 810

2
DATA PROCESSING DIVISION
USAF ETAC
AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

94010 STATION GLASGOW MONTANA AFB STATION NAME

60-68 YEARS

APR

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

1500-1700

CEILING (FEET)	VISIBILITY (STATUTE MILES)															
	≥ 10	≥ 6	≥ 5	≥ 4	≥ 3	≥ 2.5	≥ 2	≥ 1.5	≥ 1.0	≥ 0.5	≥ 0.25	≥ 0.15	≥ 0.1	≥ 0.05	≥ 0.025	≥ 0
NO CEILING	34.6	34.8	34.9	34.9	34.9	34.9	34.9	34.9	34.9	34.9	34.9	34.9	34.9	34.9	34.9	34.9
≥ 20000	50.5	50.7	50.9	50.9	50.9	50.9	50.9	50.9	50.9	50.9	50.9	50.9	50.9	50.9	50.9	50.9
≥ 18000	50.5	50.7	50.9	50.9	50.9	50.9	50.9	50.9	50.9	50.9	50.9	50.9	50.9	50.9	50.9	50.9
≥ 16000	50.5	50.7	50.9	50.9	50.9	50.9	50.9	50.9	50.9	50.9	50.9	50.9	50.9	50.9	50.9	50.9
≥ 14000	51.5	51.7	51.9	51.9	51.9	51.9	51.9	51.9	51.9	51.9	51.9	51.9	51.9	51.9	51.9	51.9
≥ 12000	53.3	53.7	53.8	53.8	53.8	53.8	53.8	53.8	53.8	53.8	53.8	53.8	53.8	53.8	53.8	53.8
≥ 10000	55.9	56.3	56.4	56.4	56.4	56.4	56.4	56.4	56.4	56.4	56.4	56.4	56.4	56.4	56.4	56.4
≥ 9000	57.0	57.4	57.5	57.5	57.5	57.5	57.5	57.5	57.5	57.5	57.5	57.5	57.5	57.5	57.5	57.5
≥ 8000	59.4	59.9	60.2	60.2	60.2	60.2	60.2	60.2	60.2	60.2	60.2	60.2	60.2	60.2	60.2	60.2
≥ 7000	61.0	61.5	61.9	61.9	61.9	61.9	61.9	61.9	61.9	61.9	61.9	61.9	61.9	61.9	61.9	61.9
≥ 6000	63.6	64.1	64.4	64.4	64.4	64.4	64.4	64.4	64.4	64.4	64.4	64.4	64.4	64.4	64.4	64.4
≥ 5000	68.4	68.9	69.3	69.3	69.3	69.3	69.3	69.3	69.3	69.3	69.3	69.3	69.3	69.3	69.3	69.3
≥ 4500	70.0	70.5	70.9	70.9	70.9	70.9	70.9	70.9	70.9	70.9	70.9	70.9	70.9	70.9	70.9	70.9
≥ 4000	74.6	75.3	75.7	75.7	75.7	75.7	75.7	75.7	75.7	75.7	75.7	75.7	75.7	75.7	75.7	75.7
≥ 3500	76.3	77.2	77.5	77.5	77.5	77.5	77.5	77.5	77.5	77.5	77.5	77.5	77.5	77.5	77.5	77.5
≥ 3000	79.6	80.6	81.0	81.0	81.0	81.0	81.0	81.0	81.0	81.0	81.0	81.0	81.0	81.0	81.0	81.0
≥ 2500	83.6	84.6	84.9	84.9	84.9	84.9	84.9	84.9	84.9	84.9	84.9	84.9	84.9	84.9	84.9	84.9
≥ 2000	85.9	87.0	87.5	87.5	87.5	87.5	87.5	87.5	87.5	87.5	87.5	87.5	87.5	87.5	87.5	87.5
≥ 1800	86.9	88.0	88.5	88.5	88.5	88.5	88.5	88.5	88.5	88.5	88.5	88.5	88.5	88.5	88.5	88.5
≥ 1500	88.3	89.6	90.2	90.2	90.2	90.2	90.2	90.2	90.2	90.2	90.2	90.2	90.2	90.2	90.2	90.2
≥ 1200	89.9	91.5	92.1	92.1	92.1	92.1	92.6	92.6	92.6	92.6	92.6	92.6	92.6	92.6	92.6	92.6
≥ 1000	91.0	92.6	93.2	93.2	93.2	93.2	94.0	94.1	94.1	94.1	94.2	94.2	94.2	94.2	94.2	94.2
≥ 900	91.2	92.8	93.5	93.5	93.6	93.6	94.2	94.3	94.4	94.7	94.8	94.8	94.8	94.8	94.8	94.8
≥ 800	91.5	93.2	94.1	94.1	94.2	94.2	94.8	94.9	95.1	95.3	95.4	95.4	95.4	95.4	95.4	95.4
≥ 700	91.9	93.7	94.6	94.6	94.7	94.7	95.3	95.6	95.9	96.4	96.5	96.8	97.2	97.2	97.2	97.2
≥ 600	92.2	94.1	94.9	94.9	95.1	95.1	95.6	96.2	96.8	97.0	97.2	97.6	97.8	97.8	97.8	97.8
≥ 500	92.3	94.3	95.3	95.4	95.9	95.9	96.7	97.2	97.5	98.0	98.1	98.4	98.8	98.8	98.8	98.9
≥ 400	92.5	94.9	95.9	96.0	96.5	96.5	97.3	97.8	98.1	98.6	98.8	99.0	99.4	99.4	99.4	99.5
≥ 300	92.6	95.1	96.0	96.2	96.7	96.7	97.4	97.8	98.3	98.8	98.9	99.1	99.5	99.6	99.8	99.9
≥ 200	92.6	95.1	96.0	96.2	96.7	96.7	97.4	97.9	98.3	98.8	98.9	99.1	99.5	99.6	99.8	100.0
≥ 100	92.6	95.1	96.0	96.2	96.7	96.7	97.4	97.9	98.3	98.8	98.9	99.1	99.5	99.6	99.8	100.0
≥ 0	92.6	95.1	96.0	96.2	96.7	96.7	97.4	97.9	98.3	98.8	98.9	99.1	99.5	99.6	99.8	100.0

TOTAL NUMBER OF OBSERVATIONS 810

2

DATA PROCESSING DIVISION
USAF ETAC
AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

94010
STATION

GLASGOW MONTANA AFB
STATION NAME

60-68
YEARS

APR
MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

1800-2000
HOURS LST

CEILING (FEET)	VISIBILITY (STATUTE MILES)															
	≥10	≥6	≥5	≥4	≥3	≥2½	≥2	≥1½	≥1¼	≥1	¾	¾	¾	¾	≥5/16	≥¼
NO CEILING	45.7	46.2	46.2	46.2	46.2	46.2	46.2	46.2	46.2	46.2	46.2	46.2	46.2	46.2	46.2	46.2
≥ 20000	58.4	58.9	58.9	58.9	58.9	58.9	58.9	58.9	58.9	58.9	58.9	58.9	58.9	58.9	58.9	58.9
≥ 18000	58.4	58.9	58.9	58.9	58.9	58.9	58.9	58.9	58.9	58.9	58.9	58.9	58.9	58.9	58.9	58.9
≥ 16000	58.4	58.9	58.9	58.9	58.9	58.9	58.9	58.9	58.9	58.9	58.9	58.9	58.9	58.9	58.9	58.9
≥ 14000	58.8	59.3	59.3	59.3	59.3	59.3	59.3	59.3	59.3	59.3	59.3	59.3	59.3	59.3	59.3	59.3
≥ 12000	60.9	61.4	61.4	61.4	61.4	61.4	61.4	61.4	61.4	61.4	61.4	61.4	61.4	61.4	61.4	61.4
≥ 10000	64.6	65.1	65.1	65.1	65.1	65.1	65.1	65.1	65.1	65.1	65.1	65.1	65.1	65.1	65.1	65.1
≥ 9000	65.2	65.7	65.7	65.7	65.7	65.7	65.7	65.7	65.7	65.7	65.7	65.7	65.7	65.7	65.7	65.7
≥ 8000	70.1	70.7	70.7	70.7	70.7	70.7	70.7	70.7	70.7	70.7	70.7	70.7	70.7	70.7	70.7	70.7
≥ 7000	72.0	72.6	72.6	72.6	72.6	72.6	72.6	72.6	72.6	72.6	72.6	72.6	72.6	72.6	72.6	72.6
≥ 6000	76.2	76.8	76.8	76.8	76.8	76.8	76.8	76.8	76.8	76.8	76.8	76.8	76.8	76.8	76.8	76.8
≥ 5000	78.5	79.1	79.1	79.1	79.1	79.1	79.1	79.1	79.1	79.1	79.1	79.1	79.1	79.1	79.1	79.1
≥ 4500	79.8	80.4	80.4	80.4	80.4	80.4	80.4	80.4	80.4	80.4	80.4	80.4	80.4	80.4	80.4	80.4
≥ 4000	83.1	83.7	83.7	83.7	83.7	83.7	83.8	83.8	83.8	84.0	84.0	84.0	84.0	84.0	84.0	84.0
≥ 3500	83.6	84.2	84.2	84.2	84.2	84.2	84.3	84.3	84.3	84.4	84.4	84.4	84.4	84.4	84.4	84.4
≥ 3000	85.1	85.8	85.9	85.9	85.9	85.9	86.0	86.0	86.0	86.2	86.2	86.2	86.2	86.2	86.2	86.2
≥ 2500	86.0	86.8	86.9	86.9	86.9	86.9	87.0	87.0	87.0	87.2	87.2	87.2	87.2	87.2	87.2	87.2
≥ 2000	87.8	88.5	88.9	88.9	88.9	88.9	89.1	89.1	89.1	89.3	89.4	89.4	89.4	89.4	89.4	89.4
≥ 1800	87.8	88.5	88.9	88.9	88.9	88.9	89.1	89.1	89.1	89.3	89.4	89.4	89.4	89.4	89.4	89.4
≥ 1500	88.5	89.3	90.0	90.0	90.0	90.1	90.3	90.3	90.3	90.7	90.9	90.9	90.9	90.9	90.9	90.9
≥ 1200	89.1	90.1	90.7	90.9	90.9	91.0	91.3	91.3	91.3	91.7	91.9	91.9	91.9	91.9	91.9	91.9
≥ 1000	90.2	91.2	91.9	92.0	92.0	92.1	92.6	92.7	92.7	93.1	93.5	93.5	93.5	93.5	93.5	93.5
≥ 900	90.2	91.2	91.9	92.0	92.0	92.1	92.6	92.7	92.7	93.2	93.6	93.6	93.7	93.7	93.7	93.7
≥ 800	90.6	91.7	92.3	92.5	92.6	92.7	93.3	93.6	93.6	94.1	94.4	94.4	94.6	94.6	94.6	94.6
≥ 700	91.0	92.2	93.0	93.1	93.3	93.6	94.3	94.4	94.4	94.9	95.3	95.3	95.8	95.8	95.8	95.8
≥ 600	91.2	92.3	93.6	93.8	94.2	94.3	95.1	95.2	95.2	95.7	96.0	96.0	96.7	96.7	96.8	96.8
≥ 500	91.4	92.6	93.8	94.1	94.4	94.6	95.3	95.6	95.6	96.2	96.7	96.9	97.3	97.3	97.7	97.7
≥ 400	91.8	92.8	94.2	94.4	94.8	94.9	95.7	95.9	95.9	96.5	97.0	97.1	97.9	97.9	98.0	98.0
≥ 300	91.9	93.3	94.7	94.9	95.3	95.4	96.3	96.3	96.7	97.3	97.8	98.0	98.8	98.8	98.9	98.9
≥ 200	92.0	93.5	94.8	95.1	95.4	95.6	96.4	96.7	96.8	97.5	98.4	98.6	99.4	99.4	99.5	99.5
≥ 100	92.0	93.5	94.8	95.1	95.4	95.6	96.4	96.7	96.8	97.5	98.4	98.6	99.4	99.4	99.5	99.5
≥ 0	92.0	93.5	94.8	95.1	95.4	95.6	96.4	96.7	96.8	97.5	98.4	98.6	99.4	99.4	99.5	99.5

TOTAL NUMBER OF OBSERVATIONS

810

USAFETAC FORM JUL 64 0-14-3 (OL 1) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

2
DATA PROCESSING DIVISION
USAF ETAC
AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

94010
STATION

GLASGOW MONTANA AFB
STATION NAME

60-68
YEARS

APR
MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

2100-2300
HOURS (EST)

CEILING (FEET)	VISIBILITY (STATUTE MILES)															
	≥ 10	≥ 6	≥ 5	≥ 4	≥ 3	≥ 2½	≥ 2	≥ 1½	≥ 1¼	≥ 1	¾	½	¼	≥ 5 16	¼	≥ 0
NO CEILING	56.9	56.9	56.9	56.9	56.9	56.9	56.9	56.9	56.9	56.9	56.9	56.9	56.9	56.9	56.9	56.9
≥ 20000	65.1	65.2	65.2	65.2	65.3	65.3	65.3	65.3	65.3	65.3	65.3	65.3	65.3	65.3	65.3	65.3
≥ 18000	65.1	65.2	65.2	65.2	65.3	65.3	65.3	65.3	65.3	65.3	65.3	65.3	65.3	65.3	65.3	65.3
≥ 16000	65.1	65.2	65.2	65.2	65.3	65.3	65.3	65.3	65.3	65.3	65.3	65.3	65.3	65.3	65.3	65.3
≥ 14000	65.1	65.2	65.2	65.2	65.3	65.3	65.3	65.3	65.3	65.3	65.3	65.3	65.3	65.3	65.3	65.3
≥ 12000	65.6	65.7	65.7	65.7	65.8	65.8	65.8	65.8	65.8	65.8	65.8	65.8	65.8	65.8	65.8	65.8
≥ 10000	69.8	69.9	69.9	69.9	70.0	70.0	70.0	70.0	70.0	70.0	70.0	70.0	70.0	70.0	70.0	70.0
≥ 9000	70.6	70.7	70.7	70.7	70.9	70.9	70.9	70.9	70.9	70.9	70.9	70.9	70.9	70.9	70.9	70.9
≥ 8000	74.3	74.4	74.6	74.6	74.7	74.7	74.7	74.7	74.7	74.7	74.7	74.7	74.7	74.7	74.7	74.7
≥ 7000	76.3	76.4	76.5	76.5	76.7	76.7	76.7	76.7	76.7	76.7	76.7	76.7	76.7	76.7	76.7	76.7
≥ 6000	80.1	80.4	80.5	80.5	80.6	80.6	80.6	80.6	80.6	80.6	80.6	80.6	80.6	80.6	80.6	80.6
≥ 5000	82.2	82.3	82.6	82.6	82.7	82.7	82.7	82.7	82.7	82.7	82.7	82.7	82.7	82.7	82.7	82.7
≥ 4500	82.8	83.1	83.2	83.2	83.3	83.3	83.3	83.3	83.3	83.3	83.3	83.3	83.3	83.3	83.3	83.3
≥ 4000	84.3	84.6	84.7	84.8	84.9	84.9	85.2	85.2	85.2	85.2	85.2	85.2	85.2	85.2	85.2	85.2
≥ 3500	84.4	84.7	84.8	84.9	85.1	85.1	85.3	85.3	85.3	85.3	85.3	85.3	85.3	85.3	85.3	85.3
≥ 3000	85.4	85.7	86.2	86.3	86.4	86.4	86.9	86.9	86.9	86.9	86.9	86.9	86.9	86.9	86.9	86.9
≥ 2500	86.4	86.7	87.2	87.3	87.4	87.4	87.9	87.9	87.9	88.0	88.0	88.0	88.0	88.0	88.0	88.0
≥ 2000	87.4	87.7	88.1	88.3	88.5	88.6	89.3	89.3	89.3	89.4	89.4	89.4	89.4	89.4	89.4	89.4
≥ 1800	87.4	87.7	88.1	88.3	88.5	88.6	89.3	89.3	89.3	89.4	89.4	89.4	89.4	89.4	89.4	89.4
≥ 1500	87.5	87.8	88.3	88.4	88.6	88.8	89.4	89.5	89.5	89.8	89.8	89.8	89.8	89.8	89.8	89.8
≥ 1200	88.0	88.3	88.8	88.9	89.1	89.3	90.0	90.1	90.1	90.6	90.6	90.6	90.6	90.6	90.6	90.6
≥ 1000	90.4	90.6	91.2	91.4	91.6	91.7	92.5	92.8	92.8	93.3	93.6	93.6	93.6	93.6	93.6	93.6
≥ 900	90.7	91.0	91.6	91.7	92.0	92.1	92.8	93.2	93.2	93.7	94.0	94.0	94.0	94.0	94.0	94.0
≥ 800	91.2	91.5	92.2	92.3	92.6	92.7	93.5	93.8	93.8	94.3	94.7	94.7	94.7	94.7	94.7	94.7
≥ 700	91.9	92.2	93.0	93.3	94.0	94.1	94.8	95.2	95.2	95.7	96.0	96.0	96.2	96.2	96.2	96.2
≥ 600	92.1	92.3	93.2	93.6	94.2	94.3	95.1	95.4	95.4	95.9	96.3	96.3	96.4	96.4	96.4	96.4
≥ 500	92.5	92.8	93.6	94.0	94.7	94.8	95.6	96.2	96.2	97.0	97.4	97.5	97.7	97.7	97.7	97.7
≥ 400	92.7	93.1	93.8	94.2	94.9	95.1	95.8	96.4	96.4	97.7	98.0	98.1	98.3	98.3	98.3	98.3
≥ 300	92.8	93.2	94.1	94.6	95.3	95.4	96.3	96.9	96.9	98.1	98.5	98.6	98.8	98.8	98.8	98.8
≥ 200	92.8	93.2	94.1	94.6	95.3	95.4	96.3	97.0	97.0	98.4	98.8	98.9	99.3	99.3	99.3	99.3
≥ 100	92.8	93.2	94.1	94.6	95.3	95.4	96.3	97.0	97.0	98.5	98.9	99.0	99.6	99.6	99.6	99.6
≥ 0	92.8	93.2	94.1	94.6	95.3	95.4	96.3	97.0	97.0	98.5	98.9	99.0	99.8	99.8	99.8	100.0

TOTAL NUMBER OF OBSERVATIONS 810

USAFETAC

FORM
JA 64

0-14-5 (OL 1) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

2

DATA PROCESSING DIVISION
USAF ETAC
AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

94010
STATIONGLASGOW MONTANA AFB
STATION NAME60-68
YEARSMAY
MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

0000-0200
HOURS

CEILING (FEET)	VISIBILITY (STATUTE MILES)															
	≥ 10	≥ 6	≥ 5	≥ 4	≥ 3	≥ 2½	≥ 2	≥ 1½	≥ 1¼	≥ 1	¾	¾	¾	¾	≥ 5/16	≥ 0
NO CEILING	60.3	60.9	61.1	61.1	61.1	61.1	61.1	61.1	61.1	61.1	61.1	61.1	61.1	61.1	61.1	61.2
≥ 20000	68.6	69.2	69.3	69.3	69.3	69.3	69.3	69.3	69.3	69.3	69.3	69.3	69.3	69.3	69.3	69.4
≥ 18000	68.6	69.2	69.3	69.3	69.3	69.3	69.3	69.3	69.3	69.3	69.3	69.3	69.3	69.3	69.3	69.4
≥ 16000	68.6	69.2	69.3	69.3	69.3	69.3	69.3	69.3	69.3	69.3	69.3	69.3	69.3	69.3	69.3	69.4
≥ 14000	68.9	69.3	69.7	69.7	69.7	69.7	69.7	69.7	69.7	69.7	69.7	69.7	69.7	69.7	69.7	69.8
≥ 12000	69.5	70.1	70.3	70.3	70.3	70.3	70.3	70.3	70.3	70.3	70.3	70.3	70.3	70.3	70.3	70.4
≥ 10000	72.3	72.9	73.0	73.0	73.0	73.0	73.0	73.0	73.0	73.0	73.0	73.0	73.0	73.0	73.0	73.1
≥ 9000	72.8	74.4	74.6	74.6	74.6	74.6	74.6	74.6	74.6	74.6	74.6	74.6	74.6	74.6	74.6	74.7
≥ 8000	76.7	77.3	77.4	77.4	77.4	77.4	77.4	77.4	77.4	77.4	77.4	77.4	77.4	77.4	77.4	77.5
≥ 7000	78.6	79.2	79.3	79.3	79.3	79.3	79.3	79.3	79.3	79.3	79.3	79.3	79.3	79.3	79.3	79.5
≥ 6000	82.4	83.0	83.3	83.3	83.3	83.3	83.3	83.3	83.3	83.3	83.3	83.3	83.3	83.3	83.3	83.4
≥ 5000	84.7	85.4	85.7	85.7	85.7	85.7	85.7	85.7	85.7	85.7	85.7	85.7	85.7	85.7	85.7	85.8
≥ 4500	85.9	86.6	86.9	86.9	86.9	86.9	86.9	86.9	86.9	86.9	86.9	86.9	86.9	86.9	86.9	87.0
≥ 4000	87.9	88.6	88.9	88.9	88.9	88.9	88.9	88.9	88.9	88.9	88.9	88.9	88.9	88.9	88.9	89.0
≥ 3500	88.1	88.8	89.0	89.0	89.0	89.0	89.0	89.0	89.0	89.0	89.0	89.0	89.0	89.0	89.0	89.1
≥ 3000	88.5	89.2	89.5	89.5	89.5	89.5	89.5	89.5	89.5	89.5	89.5	89.5	89.5	89.5	89.5	89.6
≥ 2500	89.7	90.4	90.8	90.8	90.8	90.8	90.8	90.8	90.8	90.8	90.8	90.8	90.8	90.8	90.8	90.9
≥ 2000	91.2	92.2	92.6	92.6	92.6	92.6	92.6	92.6	92.6	92.6	92.6	92.6	92.6	92.6	92.6	92.7
≥ 1800	91.4	92.7	93.1	93.1	93.1	93.1	93.1	93.1	93.1	93.1	93.1	93.1	93.1	93.1	93.1	93.2
≥ 1500	92.4	94.0	94.4	94.4	94.4	94.4	94.4	94.4	94.4	94.4	94.4	94.4	94.4	94.4	94.4	94.5
≥ 1200	93.1	95.0	95.3	95.3	95.3	95.3	95.3	95.3	95.3	95.3	95.3	95.3	95.3	95.3	95.3	95.5
≥ 1000	93.7	95.6	96.1	96.2	96.2	96.2	96.2	96.2	96.2	96.2	96.2	96.2	96.2	96.2	96.2	96.3
≥ 900	94.3	96.2	96.7	96.8	96.8	96.8	96.8	96.8	96.8	96.8	96.8	96.8	96.8	96.8	96.8	96.9
≥ 800	94.4	96.3	96.9	97.0	97.0	97.0	97.0	97.0	97.0	97.0	97.0	97.0	97.0	97.0	97.0	97.1
≥ 700	94.9	96.9	97.3	97.6	97.6	97.6	97.6	97.6	97.6	97.6	97.6	97.6	97.6	97.6	97.6	97.7
≥ 600	95.3	97.4	98.0	98.1	98.1	98.1	98.1	98.1	98.1	98.1	98.1	98.1	98.1	98.1	98.1	98.2
≥ 500	95.5	97.6	98.4	98.6	98.6	98.6	98.6	98.6	98.6	98.6	98.6	98.6	98.6	98.6	98.6	98.7
≥ 400	95.5	97.7	98.6	98.7	98.8	98.8	98.8	98.8	98.8	98.8	98.8	98.8	98.8	98.8	98.8	98.9
≥ 300	95.6	97.8	98.7	98.9	99.0	99.0	99.0	99.0	99.0	99.0	99.0	99.0	99.0	99.0	99.0	99.4
≥ 200	95.6	97.8	98.7	98.9	99.0	99.0	99.0	99.0	99.0	99.0	99.0	99.0	99.0	99.0	99.0	99.8
≥ 100	95.6	97.8	98.7	98.9	99.0	99.0	99.0	99.0	99.0	99.0	99.0	99.0	99.0	99.0	99.0	99.9
≥ 0	95.6	97.8	98.7	98.9	99.0	99.0	99.0	99.0	99.0	99.0	99.0	99.0	99.0	99.0	99.0	100.0

TOTAL NUMBER OF OBSERVATIONS 837

2

DATA PROCESSING DIVISION
USAF ETAC
AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

94010
STATION

GLASGOW MONTANA AFB
STATION NAME

60-68
YEARS

MAY
MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

0300-0500
HOURS LST

CEILING (FEET)	VISIBILITY (STATUTE MILES)															
	≥ 10	≥ 6	≥ 5	≥ 4	≥ 3	≥ 2½	≥ 2	≥ 1½	≥ 1¼	≥ 1	≥ ¾	≥ ½	≥ ¼	≥ 1/16	≥ 1/8	≥ 0
NO CEILING	55.4	55.4	55.7	55.7	55.7	55.7	55.7	55.7	55.7	55.7	55.7	55.7	55.7	55.7	55.7	55.7
≥ 20000	63.9	63.9	64.2	64.2	64.2	64.2	64.2	64.2	64.2	64.2	64.2	64.2	64.2	64.2	64.2	64.2
≥ 18000	63.9	63.9	64.2	64.2	64.2	64.2	64.2	64.2	64.2	64.2	64.2	64.2	64.2	64.2	64.2	64.2
≥ 16000	63.9	63.9	64.2	64.2	64.2	64.2	64.2	64.2	64.2	64.2	64.2	64.2	64.2	64.2	64.2	64.2
≥ 14000	64.4	64.4	64.6	64.6	64.6	64.6	64.6	64.6	64.6	64.6	64.6	64.6	64.6	64.6	64.6	64.6
≥ 12000	65.4	65.4	65.6	65.6	65.6	65.6	65.6	65.6	65.6	65.6	65.6	65.6	65.6	65.6	65.6	65.6
≥ 10000	68.7	68.7	68.9	68.9	68.9	68.9	68.9	68.9	68.9	68.9	68.9	68.9	68.9	68.9	68.9	68.9
≥ 9000	71.6	71.6	71.8	71.8	71.8	71.8	71.8	71.8	71.8	71.8	71.8	71.8	71.8	71.8	71.8	71.8
≥ 8000	74.8	74.8	75.0	75.0	75.0	75.0	75.0	75.0	75.0	75.0	75.0	75.0	75.0	75.0	75.0	75.0
≥ 7000	77.5	77.5	77.8	77.8	77.8	77.8	77.8	77.8	77.8	77.8	77.8	77.8	77.8	77.8	77.8	77.8
≥ 6000	80.9	80.9	81.0	81.0	81.0	81.0	81.0	81.0	81.0	81.0	81.0	81.0	81.0	81.0	81.0	81.0
≥ 5000	82.6	82.6	82.8	82.8	82.8	82.8	82.8	82.8	82.8	82.8	82.8	82.8	82.8	82.8	82.8	82.8
≥ 4500	84.1	84.3	84.8	84.8	84.8	84.8	84.8	84.8	84.8	84.8	84.8	84.8	84.8	84.8	84.8	84.8
≥ 4000	86.0	86.3	86.7	86.7	86.7	86.7	86.7	86.7	86.7	86.7	86.7	86.7	86.7	86.7	86.7	86.7
≥ 3500	86.3	86.5	87.0	87.0	87.0	87.0	87.0	87.0	87.0	87.0	87.0	87.0	87.0	87.0	87.0	87.0
≥ 3000	86.7	87.0	87.5	87.5	87.5	87.5	87.5	87.5	87.5	87.5	87.5	87.5	87.5	87.5	87.5	87.5
≥ 2500	87.8	88.1	88.5	88.5	88.5	88.5	88.5	88.5	88.5	88.5	88.5	88.5	88.5	88.5	88.5	88.5
≥ 2000	89.8	90.3	90.9	90.9	90.9	90.9	90.9	90.9	90.9	90.9	90.9	90.9	90.9	90.9	90.9	90.9
≥ 1800	90.3	90.8	91.4	91.4	91.4	91.4	91.4	91.4	91.4	91.4	91.4	91.4	91.4	91.4	91.4	91.4
≥ 1500	91.0	91.5	92.2	92.2	92.2	92.2	92.2	92.2	92.2	92.2	92.2	92.2	92.2	92.2	92.2	92.2
≥ 1200	92.0	92.8	93.8	93.8	93.8	93.8	93.8	93.8	93.8	93.8	93.8	93.8	93.8	93.8	93.8	93.8
≥ 1000	93.0	93.8	94.7	94.7	94.7	94.7	94.7	94.7	94.7	94.7	94.7	94.7	94.7	94.7	94.7	94.7
≥ 900	93.2	94.0	95.0	95.0	95.0	95.0	95.0	95.0	95.0	95.0	95.0	95.0	95.0	95.0	95.0	95.0
≥ 800	93.4	94.3	95.2	95.2	95.2	95.2	95.2	95.2	95.2	95.2	95.2	95.2	95.2	95.2	95.2	95.2
≥ 700	94.0	94.9	96.2	96.2	96.2	96.2	96.2	96.2	96.2	96.2	96.2	96.2	96.2	96.2	96.2	96.2
≥ 600	94.7	95.8	97.1	97.1	97.1	97.1	97.1	97.1	97.1	97.1	97.1	97.1	97.1	97.1	97.1	97.1
≥ 500	95.3	96.4	97.8	97.8	97.8	97.8	97.8	97.8	97.8	97.8	97.8	97.8	97.8	97.8	97.8	97.8
≥ 400	95.3	96.4	98.2	98.2	98.2	98.2	98.2	98.2	98.2	98.2	98.2	98.2	98.2	98.2	98.2	98.2
≥ 300	95.7	96.9	98.9	98.9	98.9	98.9	98.9	98.9	98.9	98.9	98.9	98.9	98.9	98.9	98.9	98.9
≥ 200	95.7	96.9	98.9	98.9	98.9	98.9	98.9	98.9	98.9	98.9	98.9	98.9	98.9	98.9	98.9	98.9
≥ 100	95.7	96.9	98.9	98.9	98.9	98.9	98.9	98.9	98.9	98.9	98.9	98.9	98.9	98.9	98.9	98.9
≥ 0	95.7	96.9	98.9	98.9	98.9	98.9	98.9	98.9	98.9	98.9	98.9	98.9	98.9	98.9	98.9	98.9

TOTAL NUMBER OF OBSERVATIONS 837

USAFETAC

FORM
AA 44

0-14-5 (OL 1) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

2
DATA PROCESSING DIVISION
USAF ETAC
AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

94010
STATION

GLASGOW MONTANA AFB
STATION NAME

60-68
YEARS

MAY
MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

0600-0800
HOURS LST

CEILING (FEET)	VISIBILITY (STATUTE MILES)															
	≥ 10	≥ 6	≥ 5	≥ 4	≥ 3	≥ 2½	≥ 2	≥ 1½	≥ 1¼	≥ 1	≥ ¾	≥ ½	≥ ¼	≥ 5/16	≥ ¼	≥ 0
NO CEILING	52.7	52.8	52.8	52.8	52.8	52.8	52.8	52.8	52.8	52.8	52.8	52.8	52.8	52.8	52.8	52.8
≥ 20000	63.7	63.8	63.8	63.8	63.8	63.8	63.8	63.8	63.8	63.8	63.8	63.8	63.8	63.8	63.8	63.8
≥ 18000	63.7	63.8	63.8	63.8	63.8	63.8	63.8	63.8	63.8	63.8	63.8	63.8	63.8	63.8	63.8	63.8
≥ 16000	63.7	63.8	63.8	63.8	63.8	63.8	63.8	63.8	63.8	63.8	63.8	63.8	63.8	63.8	63.8	63.8
≥ 14000	64.2	64.3	64.3	64.3	64.3	64.3	64.3	64.3	64.3	64.3	64.3	64.3	64.3	64.3	64.3	64.3
≥ 12000	65.1	65.2	65.2	65.2	65.2	65.2	65.2	65.2	65.2	65.2	65.2	65.2	65.2	65.2	65.2	65.2
≥ 10000	68.0	68.1	68.1	68.1	68.1	68.1	68.1	68.1	68.1	68.1	68.1	68.1	68.1	68.1	68.1	68.1
≥ 9000	69.9	70.0	70.0	70.0	70.0	70.0	70.0	70.0	70.0	70.0	70.0	70.0	70.0	70.0	70.0	70.0
≥ 8000	73.2	73.4	73.4	73.4	73.4	73.4	73.4	73.4	73.4	73.4	73.4	73.4	73.4	73.4	73.4	73.4
≥ 7000	76.0	76.3	76.3	76.3	76.3	76.3	76.3	76.3	76.3	76.3	76.3	76.3	76.3	76.3	76.3	76.3
≥ 6000	78.9	79.3	79.3	79.3	79.3	79.3	79.3	79.3	79.3	79.3	79.3	79.3	79.3	79.3	79.3	79.3
≥ 5000	81.0	81.6	81.7	81.7	81.7	81.7	81.7	81.7	81.7	81.7	81.7	81.7	81.7	81.7	81.7	81.7
≥ 4500	81.5	82.1	82.2	82.2	82.2	82.2	82.2	82.2	82.2	82.2	82.2	82.2	82.2	82.2	82.2	82.2
≥ 4000	82.2	83.8	83.9	83.9	83.9	83.9	83.9	83.9	83.9	83.9	83.9	83.9	83.9	83.9	83.9	83.9
≥ 3500	83.4	84.0	84.1	84.1	84.1	84.1	84.1	84.1	84.1	84.1	84.1	84.1	84.1	84.1	84.1	84.1
≥ 3000	83.8	84.5	84.6	84.6	84.6	84.6	84.6	84.6	84.6	84.6	84.6	84.6	84.6	84.6	84.6	84.6
≥ 2500	85.1	85.8	85.9	85.9	85.9	85.9	85.9	85.9	85.9	85.9	85.9	85.9	85.9	85.9	85.9	85.9
≥ 2000	86.3	87.3	87.5	87.7	87.7	87.7	87.8	87.8	87.8	87.8	87.8	87.8	87.8	87.8	87.8	87.8
≥ 1800	86.5	87.6	87.7	87.9	87.9	87.9	88.1	88.1	88.1	88.1	88.1	88.1	88.1	88.1	88.1	88.1
≥ 1500	87.9	89.0	89.6	89.8	89.8	89.8	90.0	90.0	90.0	90.0	90.0	90.0	90.0	90.0	90.0	90.0
≥ 1200	89.2	90.4	91.0	91.3	91.3	91.3	91.4	91.4	91.4	91.4	91.4	91.4	91.4	91.4	91.4	91.4
≥ 1000	89.7	91.0	91.6	91.9	92.0	92.0	92.1	92.1	92.1	92.2	92.2	92.2	92.2	92.2	92.2	92.2
≥ 900	90.7	92.0	92.6	92.8	93.0	93.0	93.1	93.1	93.1	93.2	93.2	93.2	93.2	93.2	93.2	93.2
≥ 800	90.9	92.2	92.8	93.1	93.2	93.2	93.3	93.3	93.3	93.4	93.4	93.4	93.4	93.4	93.4	93.4
≥ 700	92.1	93.7	94.3	94.5	94.6	94.6	94.7	94.7	94.7	94.9	94.9	94.9	94.9	94.9	94.9	94.9
≥ 600	92.0	94.7	95.3	95.6	95.7	95.7	95.8	95.8	95.8	95.9	95.9	95.9	95.9	96.1	96.1	96.1
≥ 500	93.8	96.3	97.0	97.3	97.4	97.4	97.5	97.5	97.5	97.6	97.6	97.6	97.6	97.7	97.7	97.7
≥ 400	93.8	96.3	97.5	97.7	98.1	98.1	98.2	98.3	98.4	98.6	98.6	98.6	98.6	98.7	98.7	98.7
≥ 300	94.3	96.9	98.1	98.3	98.7	98.7	98.8	98.9	99.0	99.2	99.2	99.2	99.2	99.3	99.3	99.3
≥ 200	94.3	96.9	98.1	98.3	98.7	98.7	98.8	98.9	99.0	99.2	99.2	99.3	99.3	99.4	99.4	99.4
≥ 100	94.3	96.9	98.1	98.3	98.7	98.7	98.8	98.9	99.0	99.2	99.3	99.3	99.3	99.4	99.4	99.4
≥ 0	94.3	96.9	98.1	98.3	98.7	98.7	98.8	98.9	99.0	99.2	99.3	99.3	99.3	99.4	99.4	99.4

TOTAL NUMBER OF OBSERVATIONS 837

DATA PROCESSING DIVISION
USAF ETAC
AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

94010
STATION

GLASSBORO MONTANA AFB
STATION NAME

60-68
YEARS

MAY
MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

0900-1100
HOURS (LST)

CEILING (FEET)	VISIBILITY (STATUTE MILES)															
	≥10	≥6	≥5	≥4	≥3	≥2½	≥2	≥1½	≥1¼	≥1	¾	¾	¾	¾	≥5/16	≥¼
NO CEILING	49.8	49.8	49.8	49.8	49.8	49.8	49.8	49.8	49.8	49.8	49.8	49.8	49.8	49.8	49.8	49.8
≥ 20000	60.8	60.8	60.8	60.8	60.8	60.8	60.8	60.8	60.8	60.8	60.8	60.8	60.8	60.8	60.8	60.8
≥ 18000	60.8	60.8	60.8	60.8	60.8	60.8	60.8	60.8	60.8	60.8	60.8	60.8	60.8	60.8	60.8	60.8
≥ 16000	60.8	60.8	60.8	60.8	60.8	60.8	60.8	60.8	60.8	60.8	60.8	60.8	60.8	60.8	60.8	60.8
≥ 14000	60.9	60.9	60.9	60.9	60.9	60.9	60.9	60.9	60.9	60.9	60.9	60.9	60.9	60.9	60.9	60.9
≥ 12000	61.6	61.6	61.6	61.6	61.6	61.6	61.6	61.6	61.6	61.6	61.6	61.6	61.6	61.6	61.6	61.6
≥ 10000	65.7	65.7	65.7	65.7	65.7	65.7	65.7	65.7	65.7	65.7	65.7	65.7	65.7	65.7	65.7	65.7
≥ 9000	66.5	66.5	66.5	66.5	66.5	66.5	66.5	66.5	66.5	66.5	66.5	66.5	66.5	66.5	66.5	66.5
≥ 8000	70.0	70.1	70.1	70.1	70.1	70.1	70.1	70.1	70.1	70.1	70.1	70.1	70.1	70.1	70.1	70.1
≥ 7000	71.8	71.9	71.9	71.9	71.9	71.9	71.9	71.9	71.9	71.9	71.9	71.9	71.9	71.9	71.9	71.9
≥ 6000	72.8	72.9	72.9	72.9	72.9	72.9	72.9	72.9	72.9	72.9	72.9	72.9	72.9	72.9	72.9	72.9
≥ 5000	75.5	75.6	75.6	75.6	75.6	75.6	75.6	75.6	75.6	75.6	75.6	75.6	75.6	75.6	75.6	75.6
≥ 4500	76.1	76.2	76.2	76.2	76.2	76.2	76.2	76.2	76.2	76.2	76.2	76.2	76.2	76.2	76.2	76.2
≥ 4000	78.1	78.3	78.3	78.3	78.3	78.3	78.3	78.3	78.3	78.3	78.3	78.3	78.3	78.3	78.3	78.3
≥ 3500	79.1	79.2	79.2	79.2	79.2	79.2	79.2	79.2	79.2	79.2	79.2	79.2	79.2	79.2	79.2	79.2
≥ 3000	80.9	81.1	81.1	81.1	81.1	81.1	81.1	81.1	81.1	81.1	81.1	81.1	81.1	81.1	81.1	81.1
≥ 2500	83.5	83.8	83.8	83.8	83.8	83.8	83.8	83.8	83.8	83.8	83.8	83.8	83.8	83.8	83.8	83.8
≥ 2000	86.3	86.6	86.6	86.6	86.6	86.6	86.6	86.6	86.6	86.6	86.6	86.6	86.6	86.6	86.6	86.6
≥ 1800	86.6	87.0	87.0	87.0	87.2	87.2	87.2	87.2	87.2	87.2	87.2	87.2	87.2	87.2	87.2	87.2
≥ 1500	88.9	89.6	89.6	89.6	89.8	89.8	89.8	89.8	89.8	89.8	89.8	89.8	89.8	89.8	89.8	89.8
≥ 1200	91.5	92.5	92.5	92.5	92.7	92.7	92.7	92.7	92.7	92.7	92.7	92.7	92.7	92.7	92.7	92.7
≥ 1000	93.1	94.1	94.1	94.1	94.6	94.6	94.6	94.6	94.6	94.6	94.6	94.6	94.6	94.6	94.6	94.6
≥ 900	93.2	94.5	94.5	94.5	94.7	94.7	95.0	95.0	95.0	95.0	95.0	95.0	95.0	95.0	95.0	95.0
≥ 800	93.3	95.0	95.0	95.0	95.2	95.2	95.5	95.5	95.5	95.5	95.5	95.5	95.5	95.5	95.5	95.5
≥ 700	93.8	95.7	95.7	95.7	95.9	95.9	96.2	96.2	96.2	96.2	96.2	96.2	96.2	96.2	96.2	96.2
≥ 600	94.0	96.3	96.3	96.3	96.7	96.7	96.9	96.9	96.9	96.9	96.9	96.9	96.9	96.9	96.9	96.9
≥ 500	94.3	97.0	97.5	97.6	98.0	98.0	98.2	98.3	98.3	98.3	98.3	98.3	98.3	98.3	98.3	98.3
≥ 400	94.3	97.6	98.3	98.7	99.0	99.0	99.3	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4
≥ 300	94.3	97.7	98.9	99.3	99.6	99.6	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 200	94.3	97.7	98.9	99.3	99.6	99.6	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 100	94.3	97.7	98.9	99.3	99.6	99.6	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 0	94.3	97.7	98.9	99.3	99.6	99.6	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0

TOTAL NUMBER OF OBSERVATIONS 837

DATA PROCESSING DIVISION
USAF ETAC
AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

94010
STATION

GLASGOW MONTANA AFB
STATION NAME

60-68
YEARS

MAY
MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

1200-1400
HOURS : LT

CEILING (FEET)	VISIBILITY (STATUTE MILES)															
	≥ 10	≥ 6	≥ 5	≥ 4	≥ 3	≥ 2½	≥ 2	≥ 1½	≥ 1¼	≥ 1	≥ ¾	≥ ½	≥ ¼	≥ 1/16	≥ 0	≥ 0
NO CEILING	42.4	42.8	42.8	42.8	42.8	42.8	42.8	42.8	42.8	42.8	42.8	42.8	42.8	42.8	42.8	42.8
≥ 20000	55.9	56.3	56.3	56.3	56.3	56.3	56.3	56.3	56.3	56.3	56.3	56.3	56.3	56.3	56.3	56.3
≥ 18000	56.0	56.4	56.4	56.4	56.4	56.4	56.4	56.4	56.4	56.4	56.4	56.4	56.4	56.4	56.4	56.4
≥ 16000	56.0	56.4	56.4	56.4	56.4	56.4	56.4	56.4	56.4	56.4	56.4	56.4	56.4	56.4	56.4	56.4
≥ 14000	56.2	56.5	56.5	56.5	56.5	56.5	56.5	56.5	56.5	56.5	56.5	56.5	56.5	56.5	56.5	56.5
≥ 12000	57.0	57.3	57.3	57.3	57.3	57.3	57.3	57.3	57.3	57.3	57.3	57.3	57.3	57.3	57.3	57.3
≥ 10000	59.7	60.2	60.2	60.2	60.2	60.2	60.2	60.2	60.2	60.2	60.2	60.2	60.2	60.2	60.2	60.2
≥ 9000	60.0	60.5	60.5	60.5	60.5	60.5	60.5	60.5	60.5	60.5	60.5	60.5	60.5	60.5	60.5	60.5
≥ 8000	62.6	63.2	63.2	63.2	63.2	63.2	63.2	63.2	63.2	63.2	63.2	63.2	63.2	63.2	63.2	63.2
≥ 7000	64.4	65.0	65.0	65.0	65.0	65.0	65.0	65.0	65.0	65.0	65.0	65.0	65.0	65.0	65.0	65.0
≥ 6000	66.8	67.4	67.4	67.4	67.4	67.4	67.4	67.4	67.4	67.4	67.4	67.4	67.4	67.4	67.4	67.4
≥ 5000	70.7	71.4	71.4	71.4	71.4	71.4	71.4	71.4	71.4	71.4	71.4	71.4	71.4	71.4	71.4	71.4
≥ 4500	71.7	72.5	72.5	72.5	72.5	72.5	72.5	72.5	72.5	72.5	72.5	72.5	72.5	72.5	72.5	72.5
≥ 4000	76.6	77.5	77.5	77.5	77.5	77.5	77.5	77.5	77.5	77.5	77.5	77.5	77.5	77.5	77.5	77.5
≥ 3500	79.8	80.9	80.9	80.9	80.9	80.9	80.9	80.9	80.9	80.9	80.9	80.9	80.9	80.9	80.9	80.9
≥ 3000	82.9	84.0	84.0	84.0	84.0	84.0	84.0	84.0	84.0	84.0	84.0	84.0	84.0	84.0	84.0	84.0
≥ 2500	85.4	86.5	86.5	86.5	86.5	86.5	86.5	86.5	86.5	86.5	86.5	86.5	86.5	86.5	86.5	86.5
≥ 2000	88.9	90.0	90.0	90.0	90.0	90.0	90.0	90.0	90.0	90.0	90.0	90.0	90.0	90.0	90.0	90.0
≥ 1800	89.2	90.3	90.3	90.3	90.3	90.3	90.3	90.3	90.3	90.3	90.3	90.3	90.3	90.3	90.3	90.3
≥ 1500	92.5	93.5	93.5	93.5	93.5	93.5	93.5	93.5	93.5	93.5	93.5	93.5	93.5	93.5	93.5	93.5
≥ 1200	94.4	95.6	95.6	95.6	95.6	95.6	95.7	95.7	95.7	95.7	95.7	95.7	95.7	95.7	95.7	95.7
≥ 1000	94.6	96.1	96.2	96.2	96.2	96.2	96.3	96.3	96.3	96.3	96.3	96.3	96.3	96.3	96.3	96.3
≥ 900	94.9	96.9	97.0	97.0	97.0	97.0	97.1	97.1	97.1	97.1	97.1	97.1	97.1	97.1	97.1	97.1
≥ 800	95.2	97.3	97.4	97.4	97.4	97.4	97.5	97.5	97.5	97.5	97.5	97.5	97.5	97.5	97.5	97.5
≥ 700	95.7	98.0	98.1	98.1	98.2	98.2	98.3	98.3	98.3	98.3	98.3	98.3	98.3	98.3	98.3	98.3
≥ 600	96.4	98.8	98.9	98.9	99.0	99.0	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2
≥ 500	96.4	98.8	98.9	98.9	99.0	99.0	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3
≥ 400	96.5	98.9	99.2	99.2	99.3	99.3	99.5	99.5	99.5	99.5	99.5	99.5	99.5	99.5	99.5	99.5
≥ 300	96.5	98.9	99.2	99.2	99.3	99.3	99.5	99.5	99.5	99.5	99.5	99.5	99.5	99.5	99.5	99.5
≥ 200	96.5	98.9	99.2	99.2	99.4	99.4	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6
≥ 100	96.5	98.9	99.2	99.2	99.4	99.4	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6
≥ 0	96.5	98.9	99.2	99.2	99.4	99.4	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6

TOTAL NUMBER OF OBSERVATIONS 837

DATA PROCESSING DIVISION
USAF ETAC
AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

94010
STATION

GLASGOW MONTANA AFB
STATION NAME

60-68
YEARS

DAY

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

1500-1700
HOURS

CEILING (FEET)	VISIBILITY (STATUTE MILES)														
	≥ 10	≥ 6	≥ 5	≥ 4	≥ 3	≥ 2½	≥ 2	≥ 1½	≥ 1¼	≥ 1	≥ ¾	≥ ½	≥ ¼	≥ 0	≥ 0
NO CEILING	39.3	39.3	39.3	39.3	39.3	39.3	39.3	39.3	39.3	39.3	39.3	39.3	39.3	39.3	39.3
≥ 20000	53.9	53.9	53.9	53.9	53.9	53.9	53.9	53.9	53.9	53.9	53.9	53.9	53.9	53.9	53.9
≥ 18000	53.9	53.9	53.9	53.9	53.9	53.9	53.9	53.9	53.9	53.9	53.9	53.9	53.9	53.9	53.9
≥ 16000	53.9	53.9	53.9	53.9	53.9	53.9	53.9	53.9	53.9	53.9	53.9	53.9	53.9	53.9	53.9
≥ 14000	54.0	54.0	54.0	54.0	54.0	54.0	54.0	54.0	54.0	54.0	54.0	54.0	54.0	54.0	54.0
≥ 12000	55.3	55.3	55.3	55.3	55.3	55.3	55.3	55.3	55.3	55.3	55.3	55.3	55.3	55.3	55.3
≥ 10000	58.5	58.7	58.7	58.7	58.7	58.7	58.7	58.7	58.7	58.7	58.7	58.7	58.7	58.7	58.7
≥ 9000	60.3	60.5	60.5	60.5	60.5	60.5	60.5	60.5	60.5	60.5	60.5	60.5	60.5	60.5	60.5
≥ 8000	63.1	63.3	63.3	63.3	63.3	63.3	63.3	63.3	63.3	63.3	63.3	63.3	63.3	63.3	63.3
≥ 7000	65.0	65.4	65.4	65.4	65.4	65.4	65.4	65.4	65.4	65.4	65.4	65.4	65.4	65.4	65.4
≥ 6000	67.4	67.7	67.7	67.7	67.7	67.7	67.7	67.7	67.7	67.7	67.7	67.7	67.7	67.7	67.7
≥ 5000	71.3	71.9	71.9	71.9	71.9	71.9	71.9	71.9	71.9	71.9	71.9	71.9	71.9	71.9	71.9
≥ 4500	74.0	74.6	74.6	74.6	74.6	74.6	74.6	74.6	74.6	74.6	74.6	74.6	74.6	74.6	74.6
≥ 4000	79.6	80.3	80.3	80.3	80.3	80.3	80.3	80.3	80.3	80.3	80.3	80.3	80.3	80.3	80.3
≥ 3500	81.7	82.6	82.6	82.6	82.6	82.6	82.6	82.6	82.6	82.6	82.6	82.6	82.6	82.6	82.6
≥ 3000	85.8	86.7	86.7	86.7	86.7	86.7	86.7	86.7	86.7	86.7	86.7	86.7	86.7	86.7	86.7
≥ 2500	88.8	90.0	90.6	90.6	90.6	90.6	90.6	90.6	90.6	90.6	90.6	90.6	90.6	90.6	90.6
≥ 2000	90.9	92.2	93.0	93.0	93.0	93.0	93.0	93.0	93.0	93.0	93.0	93.0	93.0	93.0	93.0
≥ 1800	91.6	93.2	93.9	93.9	93.9	93.9	93.9	93.9	93.9	93.9	93.9	93.9	93.9	93.9	93.9
≥ 1500	92.5	95.3	96.1	96.1	96.1	96.1	96.1	96.1	96.1	96.1	96.1	96.1	96.1	96.1	96.1
≥ 1200	94.3	96.2	96.9	96.9	96.9	96.9	96.9	96.9	96.9	96.9	96.9	96.9	96.9	96.9	96.9
≥ 1000	95.0	97.0	98.3	98.3	98.3	98.3	98.3	98.3	98.3	98.3	98.3	98.3	98.3	98.3	98.3
≥ 900	95.2	97.3	98.6	98.7	98.7	98.7	98.7	98.7	98.7	98.7	98.7	98.7	98.7	98.7	98.7
≥ 800	95.3	97.4	98.7	98.8	98.8	98.8	98.8	98.8	98.8	98.8	98.8	98.8	98.8	98.8	98.8
≥ 700	95.5	97.5	98.8	98.9	98.9	98.9	98.9	98.9	98.9	98.9	98.9	98.9	98.9	98.9	98.9
≥ 600	95.5	97.5	99.0	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2
≥ 500	95.5	97.5	99.0	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4
≥ 400	95.5	97.6	99.3	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6
≥ 300	95.5	97.6	99.3	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6
≥ 200	95.5	97.6	99.3	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6
≥ 100	95.5	97.6	99.3	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6
≥ 0	95.5	97.6	99.3	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6

TOTAL NUMBER OF OBSERVATIONS 837

DATA PROCESSING DIVISION
USAF ETAC
AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

94010
STATION

GLASGOW MONTANA AFB
STATION NAME

60-68
YEARS

DAY
MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

1800-2000
HOURS

CEILING (FEET)	VISIBILITY (STATUTE MILES)															
	≥10	≥6	≥5	≥4	≥3	≥2½	≥2	≥1½	≥1¼	≥1	≥¾	≥½	≥¼	≥1/16	≥0	≥0
NO CEILING	46.7	46.8	46.9	46.9	47.1	47.1	47.1	47.1	47.1	47.1	47.1	47.1	47.1	47.1	47.1	47.1
≥ 20000	61.6	61.7	61.8	61.8	62.1	62.1	62.1	62.1	62.1	62.1	62.1	62.1	62.1	62.1	62.1	62.1
≥ 18000	61.6	61.7	61.8	61.8	62.1	62.1	62.1	62.1	62.1	62.1	62.1	62.1	62.1	62.1	62.1	62.1
≥ 16000	61.6	61.7	61.8	61.8	62.1	62.1	62.1	62.1	62.1	62.1	62.1	62.1	62.1	62.1	62.1	62.1
≥ 14000	62.0	62.1	62.2	62.2	62.4	62.4	62.4	62.4	62.4	62.4	62.4	62.4	62.4	62.4	62.4	62.4
≥ 12000	63.0	63.2	63.3	63.3	63.5	63.5	63.5	63.5	63.5	63.5	63.5	63.5	63.5	63.5	63.5	63.5
≥ 10000	66.4	66.5	66.6	66.6	66.9	66.9	66.9	66.9	66.9	66.9	66.9	66.9	66.9	66.9	66.9	66.9
≥ 9000	68.2	68.3	68.4	68.4	68.7	68.7	68.7	68.7	68.7	68.7	68.7	68.7	68.7	68.7	68.7	68.7
≥ 8000	72.4	72.5	72.6	72.6	72.8	72.8	72.8	72.8	72.8	72.8	72.8	72.8	72.8	72.8	72.8	72.8
≥ 7000	75.1	75.2	75.4	75.4	75.6	75.6	75.6	75.6	75.6	75.6	75.6	75.6	75.6	75.6	75.6	75.6
≥ 6000	78.1	78.2	78.3	78.3	78.6	78.6	78.6	78.6	78.6	78.6	78.6	78.6	78.6	78.6	78.6	78.6
≥ 5000	82.2	82.4	82.5	82.5	82.8	82.8	82.8	82.8	82.8	82.8	82.8	82.8	82.8	82.8	82.8	82.8
≥ 4500	84.1	84.3	84.4	84.4	84.7	84.7	84.7	84.7	84.7	84.7	84.7	84.7	84.7	84.7	84.7	84.7
≥ 4000	87.6	87.8	87.9	87.9	88.2	88.2	88.2	88.2	88.2	88.2	88.2	88.2	88.2	88.2	88.2	88.2
≥ 3500	87.9	88.2	88.3	88.3	88.5	88.5	88.5	88.5	88.5	88.5	88.5	88.5	88.5	88.5	88.5	88.5
≥ 3000	89.2	89.5	89.6	89.6	89.8	89.8	89.8	89.8	89.8	89.8	89.8	89.8	89.8	89.8	89.8	89.8
≥ 2500	91.3	91.5	92.0	92.0	92.2	92.2	92.2	92.2	92.2	92.2	92.2	92.2	92.2	92.2	92.2	92.2
≥ 2000	92.6	92.8	93.3	93.7	93.9	93.9	93.9	93.9	93.9	93.9	93.9	93.9	93.9	93.9	93.9	93.9
≥ 1800	92.9	93.2	93.7	94.0	94.3	94.3	94.3	94.3	94.3	94.3	94.3	94.3	94.3	94.3	94.3	94.3
≥ 1500	94.7	95.3	96.1	96.4	96.7	96.7	96.7	96.7	96.7	96.7	96.7	96.7	96.7	96.7	96.7	96.7
≥ 1200	94.7	95.6	96.3	96.7	96.9	96.9	96.9	96.9	96.9	96.9	96.9	96.9	96.9	96.9	96.9	96.9
≥ 1000	95.0	95.8	96.5	96.9	97.1	97.1	97.1	97.1	97.1	97.1	97.1	97.1	97.1	97.1	97.1	97.1
≥ 900	95.1	95.9	96.7	97.0	97.2	97.2	97.2	97.2	97.2	97.2	97.2	97.2	97.2	97.2	97.2	97.2
≥ 800	95.2	96.2	96.9	97.2	97.5	97.5	97.5	97.5	97.5	97.5	97.5	97.5	97.5	97.5	97.5	97.5
≥ 700	95.2	96.2	96.9	97.2	97.5	97.5	97.5	97.5	97.5	97.5	97.5	97.5	97.5	97.5	97.5	97.5
≥ 600	95.5	96.5	97.2	97.6	97.8	97.8	97.8	97.8	97.8	97.8	97.8	97.8	97.8	98.0	98.0	98.0
≥ 500	95.7	97.0	97.7	98.2	98.4	98.4	98.4	98.4	98.4	98.4	98.4	98.4	98.4	98.6	98.6	98.6
≥ 400	95.8	97.2	98.3	98.8	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.6	99.6	99.6
≥ 300	95.8	97.2	98.3	98.8	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.8	99.8	99.8
≥ 200	95.8	97.2	98.3	98.8	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	100.0	100.0	100.0
≥ 100	95.8	97.2	98.3	98.8	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	100.0	100.0	100.0
≥ 0	95.8	97.2	98.3	98.8	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	100.0	100.0	100.0

TOTAL NUMBER OF OBSERVATIONS 836

DATA PROCESSING DIVISION
USAF ETAC
AIR WEATHER SERVICE/HAC

CEILING VERSUS VISIBILITY

96010
STATION

GLASGOW MONTANA AFB
STATION NAME

60-68
YEARS

JAY
CLASS

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

2100-2300
HOURS

CEILING (FEET)	VISIBILITY (STATUTE MILES)															
	≥ 10	≥ 6	≥ 5	≥ 4	≥ 3	≥ 2½	≥ 2	≥ 1½	≥ 1¼	≥ 1	≥ ¾	≥ ½	≥ ¼	≥ 5/16	≥ 1/8	≥ 0
NO CEILING	56.5	56.5	56.5	56.5	56.8	56.8	56.8	56.8	56.8	56.8	56.8	56.8	56.8	56.8	56.8	56.8
≥ 20000	67.9	68.2	68.2	68.2	68.6	68.6	68.6	68.6	68.6	68.6	68.6	68.6	68.6	68.6	68.6	68.6
≥ 18000	67.9	68.2	68.2	68.2	68.6	68.6	68.6	68.6	68.6	68.6	68.6	68.6	68.6	68.6	68.6	68.6
≥ 16000	67.9	68.2	68.2	68.2	68.6	68.6	68.6	68.6	68.6	68.6	68.6	68.6	68.6	68.6	68.6	68.6
≥ 14000	68.0	68.5	68.5	68.5	68.8	68.8	68.8	68.8	68.8	68.8	68.8	68.8	68.8	68.8	68.8	68.8
≥ 12000	68.7	69.2	69.2	69.2	69.5	69.5	69.5	69.5	69.5	69.5	69.5	69.5	69.5	69.5	69.5	69.5
≥ 10000	71.6	72.2	72.3	72.3	72.7	72.7	72.7	72.7	72.7	72.7	72.7	72.7	72.7	72.7	72.7	72.7
≥ 9000	72.9	73.5	73.6	73.6	74.0	74.0	74.0	74.0	74.0	74.0	74.0	74.0	74.0	74.0	74.0	74.0
≥ 8000	75.9	76.5	76.6	76.6	77.0	77.0	77.0	77.0	77.0	77.0	77.0	77.0	77.0	77.0	77.0	77.0
≥ 7000	77.9	78.5	78.7	78.7	79.0	79.0	79.0	79.0	79.0	79.0	79.0	79.0	79.0	79.0	79.0	79.0
≥ 6000	82.3	83.0	83.1	83.1	83.5	83.5	83.5	83.5	83.5	83.5	83.5	83.5	83.5	83.5	83.5	83.5
≥ 5000	85.5	86.2	86.3	86.3	86.7	86.7	86.7	86.7	86.7	86.7	86.7	86.7	86.7	86.7	86.7	86.7
≥ 4500	86.6	87.3	87.4	87.4	87.8	87.8	87.8	87.8	87.8	87.8	87.8	87.8	87.8	87.8	87.8	87.8
≥ 4000	88.8	89.7	89.8	89.8	90.2	90.2	90.2	90.2	90.2	90.2	90.2	90.2	90.2	90.2	90.2	90.2
≥ 3500	88.8	89.9	90.0	90.0	90.4	90.4	90.4	90.4	90.4	90.4	90.4	90.4	90.4	90.4	90.4	90.4
≥ 3000	89.6	90.6	90.8	90.8	91.1	91.1	91.1	91.1	91.1	91.1	91.1	91.1	91.1	91.1	91.1	91.1
≥ 2500	91.2	92.3	92.4	92.4	92.8	92.8	92.8	92.8	92.8	92.8	92.8	92.8	92.8	92.8	92.8	92.8
≥ 2000	92.2	93.3	93.4	93.4	93.8	93.8	93.8	93.8	93.8	93.8	93.8	93.8	93.8	93.8	93.8	93.8
≥ 1800	92.3	93.6	93.9	93.9	94.2	94.2	94.4	94.4	94.4	94.4	94.4	94.4	94.4	94.4	94.4	94.4
≥ 1500	93.3	95.3	95.6	95.7	96.0	96.0	96.2	96.2	96.2	96.2	96.2	96.2	96.2	96.2	96.2	96.2
≥ 1200	93.4	95.4	95.7	95.8	96.2	96.2	96.3	96.3	96.3	96.3	96.3	96.3	96.3	96.3	96.3	96.3
≥ 1000	93.5	95.7	95.9	96.0	96.4	96.4	96.5	96.5	96.5	96.5	96.5	96.5	96.5	96.5	96.5	96.5
≥ 900	93.6	95.8	96.0	96.2	96.5	96.5	96.6	96.6	96.6	96.6	96.6	96.6	96.6	96.6	96.6	96.6
≥ 800	93.9	96.0	96.3	96.4	96.9	96.9	97.0	97.0	97.0	97.0	97.0	97.0	97.0	97.0	97.0	97.0
≥ 700	93.9	96.0	96.3	96.4	96.9	96.9	97.0	97.0	97.0	97.0	97.0	97.0	97.0	97.0	97.0	97.0
≥ 600	94.4	96.5	96.8	96.9	97.4	97.4	97.5	97.5	97.5	97.5	97.5	97.5	97.5	97.5	97.5	97.5
≥ 500	94.8	97.0	97.5	97.7	98.2	98.2	98.3	98.3	98.3	98.3	98.3	98.3	98.3	98.3	98.3	98.3
≥ 400	94.8	97.0	98.0	98.2	98.7	98.7	98.8	98.9	98.9	98.9	98.9	98.9	98.9	98.9	98.9	98.9
≥ 300	95.0	97.1	98.1	98.3	98.8	98.9	99.0	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3
≥ 200	95.2	97.4	98.4	98.7	99.2	99.3	99.3	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8
≥ 100	95.2	97.4	98.4	98.7	99.2	99.3	99.3	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8
≥ 0	95.2	97.4	98.4	98.7	99.2	99.3	99.3	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	100.0

TOTAL NUMBER OF OBSERVATIONS 836

2

DATA PROCESSING DIVISION
USAF ETAC
AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

94010
STATION

GLASGOW MONTANA AFB
STATION NAME

60-67
YEARS

JUN
MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

0000-0200
HOURS EST

CEILING (FEET)	VISIBILITY (STATUTE MILES)															
	≥ 10	≥ 6	≥ 5	≥ 4	≥ 3	≥ 2½	≥ 2	≥ 1½	≥ 1¼	≥ 1	≥ ¾	≥ ½	≥ ¼	≥ 1/10	≥ 1/20	≥ 0
NO CEILING	63.6	63.6	63.6	63.6	63.6	63.6	63.6	63.6	63.6	63.6	63.6	63.6	63.6	63.6	63.6	63.6
≥ 20000	71.8	71.8	71.8	71.8	71.8	71.8	71.8	71.8	71.8	71.8	71.8	71.8	71.8	71.8	71.8	71.8
IV 18000	71.8	71.8	71.8	71.8	71.8	71.8	71.8	71.8	71.8	71.8	71.8	71.8	71.8	71.8	71.8	71.8
IV 16000	71.8	71.8	71.8	71.8	71.8	71.8	71.8	71.8	71.8	71.8	71.8	71.8	71.8	71.8	71.8	71.8
IV 14000	71.8	71.8	71.8	71.8	71.8	71.8	71.8	71.8	71.8	71.8	71.8	71.8	71.8	71.8	71.8	71.8
IV 12000	72.5	72.5	72.5	72.5	72.5	72.5	72.5	72.5	72.5	72.5	72.5	72.5	72.5	72.5	72.5	72.5
IV 10000	74.9	74.9	74.9	74.9	74.9	74.9	74.9	74.9	74.9	74.9	74.9	74.9	74.9	74.9	74.9	74.9
IV 9000	75.8	75.8	75.8	75.8	75.8	75.8	75.8	75.8	75.8	75.8	75.8	75.8	75.8	75.8	75.8	75.8
IV 8000	80.7	80.7	80.7	80.7	80.7	80.7	80.7	80.7	80.7	80.7	80.7	80.7	80.7	80.7	80.7	80.7
IV 7000	83.8	83.8	83.8	83.8	83.8	83.8	83.8	83.8	83.8	83.8	83.8	83.8	83.8	83.8	83.8	83.8
IV 6000	85.6	85.6	85.6	85.6	85.6	85.6	85.6	85.6	85.6	85.6	85.6	85.6	85.6	85.6	85.6	85.6
IV 5000	87.6	87.6	87.6	87.6	87.6	87.6	87.6	87.6	87.6	87.6	87.6	87.6	87.6	87.6	87.6	87.6
IV 4500	87.9	88.1	88.1	88.1	88.1	88.1	88.1	88.1	88.1	88.1	88.1	88.1	88.1	88.1	88.1	88.1
IV 4000	90.7	90.8	90.8	90.8	90.8	90.8	90.8	90.8	90.8	90.8	90.8	90.8	90.8	90.8	90.8	90.8
IV 3500	91.0	91.1	91.1	91.1	91.1	91.1	91.1	91.1	91.1	91.1	91.1	91.1	91.1	91.1	91.1	91.1
IV 3000	91.4	91.5	91.5	91.5	91.5	91.5	91.5	91.5	91.5	91.5	91.5	91.5	91.5	91.5	91.5	91.5
IV 2500	92.4	92.5	92.5	92.6	92.6	92.6	92.6	92.6	92.6	92.6	92.6	92.6	92.6	92.6	92.6	92.6
IV 2000	92.8	92.9	93.2	93.3	93.5	93.5	93.5	93.5	93.5	93.5	93.5	93.5	93.5	93.5	93.5	93.5
IV 1800	92.8	92.9	93.2	93.3	93.5	93.5	93.5	93.5	93.5	93.5	93.5	93.5	93.5	93.5	93.5	93.5
IV 1500	93.2	93.3	93.6	93.9	94.0	94.0	94.0	94.0	94.0	94.0	94.0	94.0	94.0	94.0	94.0	94.0
IV 1200	93.6	93.8	94.0	94.3	94.4	94.4	94.4	94.4	94.4	94.4	94.4	94.4	94.4	94.4	94.4	94.4
IV 1000	94.2	94.4	94.7	95.0	95.1	95.1	95.1	95.1	95.1	95.1	95.1	95.1	95.1	95.1	95.1	95.1
IV 900	94.4	94.7	95.0	95.3	95.4	95.4	95.4	95.4	95.4	95.4	95.4	95.4	95.4	95.4	95.4	95.4
IV 800	95.2	95.6	96.1	96.4	96.5	96.5	96.5	96.5	96.5	96.5	96.5	96.5	96.5	96.5	96.5	96.5
IV 700	95.8	96.1	96.7	96.9	97.1	97.1	97.1	97.1	97.1	97.1	97.1	97.1	97.1	97.1	97.1	97.1
IV 600	96.0	96.3	96.8	97.1	97.2	97.2	97.2	97.2	97.2	97.2	97.2	97.2	97.2	97.2	97.2	97.2
IV 500	96.3	96.5	97.1	97.3	97.6	97.6	97.6	97.6	97.6	97.6	97.6	97.6	97.6	97.6	97.6	97.6
IV 400	96.9	97.4	98.1	98.5	98.8	98.8	98.8	98.8	98.8	98.8	98.8	98.8	98.8	98.8	98.8	98.8
IV 300	97.4	98.1	98.8	99.2	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4
IV 200	97.4	98.1	98.8	99.2	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7
IV 100	97.4	98.1	98.8	99.2	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7
IV 0	97.4	98.1	98.8	99.2	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7

TOTAL NUMBER OF OBSERVATIONS 720

USAFETAC FORM 0-14-5 (OL 1) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

2

DATA PROCESSING DIVISION
USAF ETAC
AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

94010
STATIONGLASGOW MONTANA AFB
STATION NAME60-67
YEARJUN
MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

0300-0300
HOURS, LST

CEILING (FEET)	VISIBILITY (STATUTE MILES)															
	≥ 10	≥ 6	≥ 5	≥ 4	≥ 3	≥ 2½	≥ 2	≥ 1½	≥ 1¼	≥ 1	≥ ¾	≥ ½	≥ ¼	≥ 5/16	≥ ¼	≥ 0
NO CEILING	62.1	62.5	62.6	62.6	62.6	62.6	62.8	62.8	62.8	62.8	62.8	62.8	62.8	62.9	62.9	62.9
≥ 20000	69.9	70.3	70.6	70.7	70.8	70.8	71.0	71.0	71.0	71.0	71.0	71.0	71.0	71.1	71.1	71.1
≥ 18000	69.9	70.3	70.6	70.7	70.8	70.8	71.0	71.0	71.0	71.0	71.0	71.0	71.0	71.1	71.1	71.1
≥ 16000	69.9	70.3	70.6	70.7	70.8	70.8	71.0	71.0	71.0	71.0	71.0	71.0	71.0	71.1	71.1	71.1
≥ 14000	70.1	70.6	70.8	71.0	71.1	71.1	71.3	71.3	71.3	71.3	71.3	71.3	71.3	71.4	71.4	71.4
≥ 12000	70.7	71.1	71.4	71.5	71.7	71.7	71.8	71.8	71.8	71.8	71.8	71.8	71.8	71.9	71.9	71.9
≥ 10000	73.6	74.3	74.6	74.7	74.9	74.9	75.0	75.0	75.0	75.0	75.0	75.0	75.0	75.3	75.3	75.3
≥ 9000	75.0	75.7	76.0	76.1	76.3	76.3	76.4	76.4	76.4	76.4	76.4	76.4	76.4	76.7	76.7	76.7
≥ 8000	78.1	78.8	79.2	79.3	79.4	79.4	79.6	79.6	79.6	79.6	79.6	79.6	79.6	79.9	79.9	79.9
≥ 7000	80.1	80.8	81.3	81.4	81.5	81.5	81.7	81.7	81.7	81.7	81.7	81.7	81.7	81.9	81.9	81.9
≥ 6000	82.6	83.3	83.8	83.9	84.0	84.0	84.2	84.2	84.2	84.2	84.2	84.2	84.2	84.4	84.4	84.4
≥ 5000	84.0	85.0	85.4	85.6	85.7	85.7	85.8	85.8	85.8	85.8	85.8	85.8	85.8	86.1	86.1	86.1
≥ 4500	84.2	85.3	85.7	85.8	86.0	86.0	86.1	86.1	86.1	86.1	86.1	86.1	86.1	86.4	86.4	86.4
≥ 4000	85.4	86.9	87.4	87.5	87.6	87.6	87.8	87.8	87.8	87.8	87.8	87.8	87.8	88.1	88.1	88.1
≥ 3500	85.1	87.6	88.2	88.3	88.5	88.5	88.6	88.6	88.6	88.6	88.6	88.6	88.6	88.9	88.9	88.9
≥ 3000	86.9	88.5	89.0	89.2	89.3	89.3	89.4	89.4	89.4	89.4	89.4	89.4	89.4	89.7	89.7	89.7
≥ 2500	87.9	89.4	90.0	90.1	90.3	90.3	90.4	90.4	90.4	90.4	90.4	90.4	90.4	90.7	90.7	90.7
≥ 2000	89.0	90.6	91.1	91.3	91.4	91.4	91.5	91.5	91.5	91.5	91.5	91.5	91.5	91.8	91.8	91.8
≥ 1800	89.2	90.7	91.3	91.4	91.5	91.5	91.7	91.7	91.7	91.7	91.7	91.7	91.7	91.9	91.9	91.9
≥ 1500	90.4	92.1	92.6	92.8	92.9	92.9	93.1	93.1	93.1	93.1	93.1	93.1	93.1	93.3	93.3	93.3
≥ 1200	90.8	92.6	93.2	93.3	93.5	93.5	93.6	93.6	93.6	93.6	93.6	93.6	93.6	93.9	93.9	93.9
≥ 1000	91.1	93.1	93.6	93.8	93.9	93.9	94.0	94.0	94.0	94.0	94.0	94.0	94.0	94.3	94.3	94.3
≥ 900	91.4	93.3	93.9	94.0	94.2	94.2	94.3	94.3	94.3	94.3	94.3	94.3	94.3	94.6	94.6	94.6
≥ 800	92.2	94.2	94.7	95.0	95.1	95.1	95.3	95.3	95.3	95.3	95.3	95.3	95.3	95.7	95.7	95.7
≥ 700	92.6	94.6	95.3	95.7	95.8	95.8	96.0	96.0	96.0	96.0	96.0	96.0	96.0	96.4	96.4	96.4
≥ 600	93.1	95.0	95.7	96.1	96.3	96.3	96.4	96.4	96.4	96.4	96.4	96.4	96.4	96.9	96.9	96.9
≥ 500	93.2	95.1	96.1	96.5	96.7	96.7	96.8	96.8	96.8	96.8	96.8	96.8	96.8	97.1	97.1	97.1
≥ 400	93.3	95.3	96.4	96.8	97.1	97.1	97.6	97.6	97.6	97.6	97.6	97.6	97.6	98.2	98.2	98.2
≥ 300	93.8	95.8	97.1	97.5	97.9	97.9	98.5	98.5	98.5	98.5	98.5	98.5	98.5	99.0	99.0	99.0
≥ 200	93.8	95.8	97.6	98.1	98.5	98.5	99.0	99.0	99.0	99.0	99.0	99.0	99.0	99.6	99.6	99.6
≥ 100	93.8	95.8	97.6	98.2	98.6	98.6	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.9	99.9	99.9
≥ 0	93.8	95.8	97.6	98.2	98.6	98.6	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.9	99.9	99.9

TOTAL NUMBER OF OBSERVATIONS 720

USAFETAC

FORM
JUL 64

0-14-5 (OL 1) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

2
DATA PROCESSING DIVISION
USAF ETAC
AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

94010 STATION GLASGOW MONTANA AFB STATION NAME

60-67 YEARS

JUN MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

0400-0800
HOURS LST

CEILING (FEET)	VISIBILITY (STATUTE MILES)															
	≥10	≥6	≥5	≥4	≥3	≥2½	≥2	≥1½	≥1¼	≥1	¾	¾	¾	¾	≥5/16	≥0
NO CEILING	61.5	61.9	61.9	61.9	61.9	61.9	61.9	61.9	61.9	61.9	61.9	61.9	61.9	61.9	61.9	61.9
≥ 20000	69.6	70.0	70.0	70.0	70.0	70.0	70.0	70.0	70.0	70.0	70.0	70.0	70.0	70.0	70.0	70.0
≥ 18000	69.6	70.0	70.0	70.0	70.0	70.0	70.0	70.0	70.0	70.0	70.0	70.0	70.0	70.0	70.0	70.0
≥ 16000	69.6	70.0	70.0	70.0	70.0	70.0	70.0	70.0	70.0	70.0	70.0	70.0	70.0	70.0	70.0	70.0
≥ 14000	69.9	70.3	70.3	70.3	70.3	70.3	70.3	70.3	70.3	70.3	70.3	70.3	70.3	70.3	70.3	70.3
≥ 12000	70.6	71.0	71.0	71.0	71.0	71.0	71.0	71.0	71.0	71.0	71.0	71.0	71.0	71.0	71.0	71.0
≥ 10000	74.7	75.1	75.1	75.1	75.1	75.1	75.1	75.1	75.1	75.1	75.1	75.1	75.1	75.1	75.1	75.1
≥ 9000	75.8	76.3	76.3	76.3	76.3	76.3	76.3	76.3	76.3	76.3	76.3	76.3	76.3	76.3	76.3	76.3
≥ 8000	78.9	79.3	79.3	79.3	79.3	79.3	79.3	79.3	79.3	79.3	79.3	79.3	79.3	79.3	79.3	79.3
≥ 7000	80.6	81.0	81.0	81.0	81.0	81.0	81.0	81.0	81.0	81.0	81.0	81.0	81.0	81.0	81.0	81.0
≥ 6000	82.9	83.5	83.5	83.5	83.5	83.5	83.5	83.5	83.5	83.5	83.5	83.5	83.5	83.5	83.5	83.5
≥ 5000	84.4	85.1	85.1	85.1	85.1	85.1	85.1	85.1	85.1	85.1	85.1	85.1	85.1	85.1	85.1	85.1
≥ 4500	84.6	85.3	85.3	85.3	85.3	85.3	85.3	85.3	85.3	85.3	85.3	85.3	85.3	85.3	85.3	85.3
≥ 4000	86.7	87.4	87.4	87.4	87.4	87.4	87.4	87.4	87.4	87.4	87.4	87.4	87.4	87.4	87.4	87.4
≥ 3500	87.1	87.8	87.8	87.8	87.8	87.8	87.8	87.8	87.8	87.8	87.8	87.8	87.8	87.8	87.8	87.8
≥ 3000	87.3	88.2	88.2	88.2	88.2	88.2	88.2	88.2	88.2	88.2	88.2	88.2	88.2	88.2	88.2	88.2
≥ 2500	87.9	88.6	88.9	88.9	88.9	88.9	88.9	88.9	88.9	88.9	88.9	88.9	88.9	88.9	88.9	88.9
≥ 2000	89.0	89.9	90.1	90.1	90.1	90.1	90.1	90.1	90.1	90.1	90.1	90.1	90.1	90.1	90.1	90.1
≥ 1800	89.6	90.6	90.8	90.8	90.8	90.8	90.8	90.8	90.8	90.8	90.8	90.8	90.8	90.8	90.8	90.8
≥ 1500	90.7	91.7	91.9	91.9	91.9	91.9	91.9	91.9	91.9	91.9	91.9	91.9	91.9	91.9	91.9	91.9
≥ 1200	91.8	92.8	93.1	93.1	93.1	93.1	93.1	93.1	93.1	93.1	93.1	93.1	93.1	93.1	93.1	93.1
≥ 1000	92.8	93.8	94.0	94.0	94.0	94.0	94.0	94.0	94.0	94.0	94.0	94.0	94.0	94.0	94.0	94.0
≥ 900	93.3	94.4	94.7	94.7	94.7	94.7	94.7	94.7	94.7	94.7	94.7	94.7	94.7	94.7	94.7	94.7
≥ 800	93.8	95.1	95.4	95.4	95.4	95.4	95.4	95.4	95.4	95.4	95.4	95.4	95.4	95.4	95.4	95.4
≥ 700	93.8	95.1	95.4	95.6	95.6	95.6	95.6	95.8	95.8	95.8	95.8	95.8	95.8	95.8	95.8	95.8
≥ 600	94.2	96.0	96.4	96.5	96.5	96.5	96.5	97.1	97.1	97.1	97.1	97.1	97.1	97.1	97.1	97.1
≥ 500	94.6	96.7	97.2	97.6	97.6	97.6	98.1	98.2	98.2	98.2	98.2	98.2	98.2	98.2	98.2	98.2
≥ 400	94.6	96.8	97.6	98.3	98.6	98.6	99.0	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2
≥ 300	95.0	97.4	98.3	99.0	99.3	99.3	99.7	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9
≥ 200	95.0	97.4	98.3	99.2	99.4	99.4	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 100	95.0	97.4	98.3	99.2	99.4	99.4	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 0	95.0	97.4	98.3	99.2	99.4	99.4	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0

TOTAL NUMBER OF OBSERVATIONS 720

DATA PROCESSING DIVISION
USAF ETAC
AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

94010
STATION

GLASGOW MONTANA AFB
STATION NAME

60-67
YEARS

JUN
MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

0900-1100
HOURS LST

CEILING (FEET)	VISIBILITY (STATUTE MILES)															
	≥10	≥6	≥5	≥4	≥3	≥2½	≥2	≥1½	≥1¼	≥1	≥¾	≥½	≥¼	≥5/16	≥¼	≥0
NO CEILING	58.6	58.6	58.6	58.6	58.6	58.6	58.6	58.6	58.6	58.6	58.6	58.6	58.6	58.6	58.6	58.6
≥ 20000	67.2	67.3	67.3	67.3	67.3	67.3	67.3	67.3	67.3	67.3	67.3	67.3	67.3	67.3	67.3	67.3
≥ 18000	67.2	67.3	67.3	67.3	67.3	67.3	67.3	67.3	67.3	67.3	67.3	67.3	67.3	67.3	67.3	67.3
≥ 16000	67.2	67.3	67.3	67.3	67.3	67.3	67.3	67.3	67.3	67.3	67.3	67.3	67.3	67.3	67.3	67.3
≥ 14000	67.6	67.9	67.9	67.9	67.9	67.9	67.9	67.9	67.9	67.9	67.9	67.9	67.9	67.9	67.9	67.9
≥ 12000	68.9	69.2	69.2	69.2	69.2	69.2	69.2	69.2	69.2	69.2	69.2	69.2	69.2	69.2	69.2	69.2
≥ 10000	72.5	72.8	72.8	72.8	72.8	72.8	72.8	72.8	72.8	72.8	72.8	72.8	72.8	72.8	72.8	72.8
≥ 9000	73.8	74.0	74.0	74.0	74.0	74.0	74.0	74.0	74.0	74.0	74.0	74.0	74.0	74.0	74.0	74.0
≥ 8000	77.4	77.6	77.6	77.6	77.6	77.6	77.6	77.6	77.6	77.6	77.6	77.6	77.6	77.6	77.6	77.6
≥ 7000	79.0	79.3	79.3	79.3	79.3	79.3	79.3	79.3	79.3	79.3	79.3	79.3	79.3	79.3	79.3	79.3
≥ 6000	80.1	80.4	80.4	80.4	80.4	80.4	80.4	80.4	80.4	80.4	80.4	80.4	80.4	80.4	80.4	80.4
≥ 5000	81.4	81.7	81.7	81.7	81.7	81.7	81.7	81.7	81.7	81.7	81.7	81.7	81.7	81.7	81.7	81.7
≥ 4500	81.4	81.7	81.7	81.7	81.7	81.7	81.7	81.7	81.7	81.7	81.7	81.7	81.7	81.7	81.7	81.7
≥ 4000	84.4	84.9	84.9	84.9	84.9	84.9	84.9	84.9	84.9	84.9	84.9	84.9	84.9	84.9	84.9	84.9
≥ 3500	84.7	85.1	85.1	85.1	85.1	85.1	85.1	85.1	85.1	85.1	85.1	85.1	85.1	85.1	85.1	85.1
≥ 3000	85.1	85.6	85.6	85.6	85.6	85.6	85.6	85.6	85.6	85.6	85.6	85.6	85.6	85.6	85.6	85.6
≥ 2500	86.9	87.4	87.5	87.5	87.5	87.5	87.5	87.5	87.5	87.5	87.5	87.5	87.5	87.5	87.5	87.5
≥ 2000	89.2	89.6	89.7	89.7	89.7	89.7	89.7	89.7	89.7	89.7	89.7	89.7	89.7	89.7	89.7	89.7
≥ 1800	90.3	91.0	91.1	91.3	91.3	91.3	91.3	91.3	91.3	91.3	91.3	91.3	91.3	91.3	91.3	91.3
≥ 1500	92.2	93.1	93.2	93.3	93.3	93.3	93.3	93.3	93.3	93.3	93.3	93.3	93.3	93.3	93.3	93.3
≥ 1200	93.8	94.7	95.0	95.1	95.1	95.1	95.1	95.1	95.1	95.1	95.1	95.1	95.1	95.1	95.1	95.1
≥ 1000	94.6	95.6	96.0	96.3	96.3	96.3	96.3	96.3	96.3	96.3	96.3	96.3	96.3	96.3	96.3	96.3
≥ 900	95.1	96.1	96.8	96.8	96.8	96.8	96.8	96.8	96.8	96.8	96.8	96.8	96.8	96.8	96.8	96.8
≥ 800	95.8	97.1	97.9	97.9	98.2	98.2	98.2	98.2	98.2	98.2	98.2	98.2	98.2	98.2	98.2	98.2
≥ 700	95.8	97.6	98.1	98.5	98.9	98.9	98.9	98.9	98.9	98.9	98.9	98.9	98.9	98.9	98.9	98.9
≥ 600	96.0	97.8	98.3	98.8	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2
≥ 500	96.3	98.3	99.0	99.6	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 400	96.3	98.3	99.0	99.6	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 300	96.3	98.3	99.0	99.6	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 200	96.3	98.3	99.0	99.6	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 100	96.3	98.3	99.0	99.6	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 0	96.3	98.3	99.0	99.6	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0

TOTAL NUMBER OF OBSERVATIONS 720

USAFETAC

FORM
AF 64

0-14-5 (OL 1) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

2
DATA PROCESSING DIVISION
USAF ETAC
AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

94010
STATION

GLASGOW MONTANA AFB
STATION NAME

60-67
YEARS

JUN
MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

1200-1400
HOURS (LST)

CEILING (FEET)	VISIBILITY (STATUTE MILES)															
	≥ 10	≥ 6	≥ 5	≥ 4	≥ 3	≥ 2½	≥ 2	≥ 1½	≥ 1¼	≥ 1	¾	½	¼	≥ 5/16	¼	≥ 0
NO CEILING	51.1	51.3	51.3	51.3	51.3	51.3	51.3	51.3	51.3	51.3	51.3	51.3	51.3	51.3	51.3	51.3
≥ 20000	64.3	64.4	64.4	64.4	64.4	64.4	64.4	64.4	64.4	64.4	64.4	64.4	64.4	64.4	64.4	64.4
≥ 18000	64.3	64.4	64.4	64.4	64.4	64.4	64.4	64.4	64.4	64.4	64.4	64.4	64.4	64.4	64.4	64.4
≥ 16000	64.3	64.4	64.4	64.4	64.4	64.4	64.4	64.4	64.4	64.4	64.4	64.4	64.4	64.4	64.4	64.4
≥ 14000	64.7	64.9	64.9	64.9	64.9	64.9	64.9	64.9	64.9	64.9	64.9	64.9	64.9	64.9	64.9	64.9
≥ 12000	65.4	65.6	65.6	65.6	65.6	65.6	65.6	65.6	65.6	65.6	65.6	65.6	65.6	65.6	65.6	65.6
≥ 10000	68.6	68.8	68.8	68.8	68.8	68.8	68.8	68.8	68.8	68.8	68.8	68.8	68.8	68.8	68.8	68.8
≥ 9000	69.9	70.0	70.0	70.0	70.0	70.0	70.0	70.0	70.0	70.0	70.0	70.0	70.0	70.0	70.0	70.0
≥ 8000	72.6	72.9	72.9	72.9	72.9	72.9	72.9	72.9	72.9	72.9	72.9	72.9	72.9	72.9	72.9	72.9
≥ 7000	73.3	73.8	73.8	73.8	73.8	73.8	73.8	73.8	73.8	73.8	73.8	73.8	73.8	73.8	73.8	73.8
≥ 6000	76.1	76.5	76.5	76.5	76.5	76.5	76.5	76.5	76.5	76.5	76.5	76.5	76.5	76.5	76.5	76.5
≥ 5000	78.1	78.5	78.5	78.5	78.5	78.5	78.5	78.5	78.5	78.5	78.5	78.5	78.5	78.5	78.5	78.5
≥ 4500	78.6	79.0	79.0	79.0	79.0	79.0	79.2	79.2	79.2	79.2	79.2	79.2	79.2	79.2	79.2	79.2
≥ 4000	81.7	82.1	82.1	82.2	82.2	82.2	82.4	82.4	82.4	82.4	82.4	82.4	82.4	82.4	82.4	82.4
≥ 3500	83.3	83.8	83.8	84.0	84.0	84.0	84.2	84.2	84.2	84.2	84.2	84.2	84.2	84.2	84.2	84.2
≥ 3000	86.9	87.4	87.4	87.6	87.6	87.6	87.8	87.8	87.8	87.8	87.8	87.8	87.8	87.8	87.8	87.8
≥ 2500	88.8	89.2	89.2	89.4	89.4	89.4	89.6	89.6	89.6	89.6	89.6	89.6	89.6	89.6	89.6	89.6
≥ 2000	91.3	91.9	91.9	92.2	92.2	92.2	92.4	92.4	92.4	92.4	92.4	92.4	92.4	92.4	92.4	92.4
≥ 1800	92.5	93.2	93.2	93.5	93.5	93.5	93.6	93.6	93.6	93.6	93.6	93.6	93.6	93.6	93.6	93.6
≥ 1500	94.2	95.0	95.0	95.3	95.3	95.3	95.4	95.4	95.4	95.4	95.4	95.4	95.4	95.4	95.4	95.4
≥ 1200	94.4	95.3	95.4	95.7	95.7	95.7	95.8	95.8	95.8	95.8	95.8	95.8	95.8	95.8	95.8	95.8
≥ 1000	95.0	96.0	96.1	96.4	96.4	96.4	96.5	96.5	96.5	96.5	96.5	96.5	96.5	96.5	96.5	96.5
≥ 900	95.1	96.1	96.3	96.5	96.5	96.5	96.7	96.7	96.7	96.7	96.7	96.7	96.7	96.7	96.7	96.7
≥ 800	96.3	97.3	97.6	98.1	98.1	98.1	98.2	98.2	98.2	98.2	98.2	98.2	98.2	98.2	98.2	98.2
≥ 700	96.4	97.6	98.1	98.5	98.5	98.5	98.8	98.8	98.8	98.8	98.8	98.8	98.8	98.8	98.8	98.8
≥ 600	96.9	98.2	98.6	99.0	99.0	99.0	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3
≥ 500	96.9	98.6	99.0	99.4	99.6	99.6	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 400	96.9	98.6	99.0	99.4	99.6	99.6	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 300	96.9	98.6	99.0	99.4	99.6	99.6	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 200	96.9	98.6	99.0	99.4	99.6	99.6	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 100	96.9	98.6	99.0	99.4	99.6	99.6	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 0	96.9	98.6	99.0	99.4	99.6	99.6	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0

TOTAL NUMBER OF OBSERVATIONS 720

DATA PROCESSING DIVISION
USAF ETAC
AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

94010
STATION

GLASGOW MONTANA AFB
STATION NAME

60-67
YEARS

JUN
MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

1500-1700
HOURS

CEILING (FEET)	VISIBILITY (STATUTE MILES)															
	≥ 10	≥ 6	≥ 5	≥ 4	≥ 3	≥ 2½	≥ 2	≥ 1½	≥ 1¼	≥ 1	≥ ¾	≥ ½	≥ ¼	≥ 5/16	≥ ¼	≥ 0
NO CEILING	49.0	49.4	49.4	49.4	49.4	49.4	49.4	49.4	49.4	49.4	49.4	49.4	49.4	49.4	49.4	49.4
≥ 20000	64.4	64.9	64.9	64.9	64.9	64.9	64.9	64.9	64.9	64.9	64.9	64.9	64.9	64.9	64.9	64.9
≥ 18000	64.4	64.9	64.9	64.9	64.9	64.9	64.9	64.9	64.9	64.9	64.9	64.9	64.9	64.9	64.9	64.9
≥ 16000	64.4	64.9	64.9	64.9	64.9	64.9	64.9	64.9	64.9	64.9	64.9	64.9	64.9	64.9	64.9	64.9
≥ 14000	64.9	65.3	65.3	65.3	65.3	65.3	65.3	65.3	65.3	65.3	65.3	65.3	65.3	65.3	65.3	65.3
≥ 12000	65.7	66.1	66.1	66.1	66.1	66.1	66.1	66.1	66.1	66.1	66.1	66.1	66.1	66.1	66.1	66.1
≥ 10000	68.3	68.8	68.8	68.8	68.8	68.8	68.8	68.8	68.8	68.8	68.8	68.8	68.8	68.8	68.8	68.8
≥ 9000	70.0	70.4	70.4	70.4	70.4	70.4	70.4	70.4	70.4	70.4	70.4	70.4	70.4	70.4	70.4	70.4
≥ 8000	73.8	74.3	74.3	74.3	74.3	74.3	74.3	74.3	74.3	74.3	74.3	74.3	74.3	74.3	74.3	74.3
≥ 7000	75.8	76.4	76.4	76.4	76.4	76.4	76.4	76.4	76.4	76.4	76.4	76.4	76.4	76.4	76.4	76.4
≥ 6000	76.9	77.8	77.8	77.8	77.8	77.8	77.8	77.8	77.8	77.8	77.8	77.8	77.8	77.8	77.8	77.8
≥ 5000	80.0	81.0	81.0	81.0	81.0	81.0	81.0	81.0	81.0	81.0	81.0	81.0	81.0	81.0	81.0	81.0
≥ 4500	80.8	81.8	81.8	81.8	81.8	81.8	81.8	81.8	81.8	81.8	81.8	81.8	81.8	81.8	81.8	81.8
≥ 4000	86.3	87.4	87.6	87.6	87.6	87.6	87.6	87.6	87.6	87.6	87.6	87.6	87.6	87.6	87.6	87.6
≥ 3500	87.8	88.9	89.2	89.2	89.2	89.2	89.2	89.2	89.2	89.2	89.2	89.2	89.2	89.2	89.2	89.2
≥ 3000	91.1	92.2	92.6	92.6	92.6	92.6	92.6	92.6	92.6	92.6	92.6	92.6	92.6	92.6	92.6	92.6
≥ 2500	91.9	93.1	93.5	93.5	93.5	93.5	93.5	93.5	93.5	93.5	93.5	93.5	93.5	93.5	93.5	93.5
≥ 2000	93.8	95.0	95.7	95.7	95.7	95.7	95.7	95.7	95.7	95.7	95.7	95.7	95.7	95.7	95.7	95.7
≥ 1800	94.0	95.3	96.0	96.0	96.0	96.0	96.0	96.0	96.0	96.0	96.0	96.0	96.0	96.0	96.0	96.0
≥ 1500	95.0	96.7	97.4	97.4	97.4	97.4	97.4	97.4	97.4	97.4	97.4	97.4	97.4	97.4	97.4	97.4
≥ 1200	95.0	96.7	97.4	97.4	97.4	97.4	97.4	97.4	97.4	97.4	97.4	97.4	97.4	97.4	97.4	97.4
≥ 1000	95.7	97.4	98.1	98.1	98.1	98.1	98.1	98.1	98.1	98.1	98.1	98.1	98.1	98.1	98.1	98.1
≥ 900	95.7	97.4	98.1	98.1	98.1	98.1	98.1	98.1	98.1	98.1	98.1	98.1	98.1	98.1	98.1	98.1
≥ 800	95.8	97.5	98.2	98.2	98.2	98.2	98.2	98.2	98.2	98.2	98.2	98.2	98.2	98.2	98.2	98.2
≥ 700	96.0	98.2	99.0	99.0	99.0	99.0	99.0	99.0	99.0	99.0	99.0	99.0	99.0	99.0	99.0	99.0
≥ 600	96.3	98.3	99.3	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4
≥ 500	96.5	98.8	99.6	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7
≥ 400	96.5	98.8	99.6	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7
≥ 300	96.5	98.8	99.6	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7
≥ 200	96.5	98.8	99.6	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7
≥ 100	96.5	98.8	99.6	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7
≥ 0	96.5	98.8	99.6	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	100.0	100.0

TOTAL NUMBER OF OBSERVATIONS 720

DATA PROCESSING DIVISION
USAF ETAC
AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

94010
STATION

GLASGOW MONTANA AFB
STATION NAME

60-67
YEARS

JUN
MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

1800-2000
HOURS (LT)

CEILING (FEET)	VISIBILITY (STATUTE MILES)															
	≥ 10	≥ 6	≥ 5	≥ 4	≥ 3	≥ 2½	≥ 2	≥ 1½	≥ 1¼	≥ 1	¾	¾	¾	≥ 5/16	¾	≥ 0
NO CEILING	49.2	49.6	49.6	49.6	49.6	49.6	49.6	49.6	49.6	49.6	49.6	49.6	49.6	49.6	49.6	49.6
≥ 20000	66.4	66.8	66.8	66.8	66.8	66.8	66.8	66.8	66.8	66.8	66.8	66.8	66.8	66.8	66.8	66.8
≥ 18000	66.4	66.8	66.8	66.8	66.8	66.8	66.8	66.8	66.8	66.8	66.8	66.8	66.8	66.8	66.8	66.8
≥ 16000	66.5	66.9	66.9	66.9	66.9	66.9	66.9	66.9	66.9	66.9	66.9	66.9	66.9	66.9	66.9	66.9
≥ 14000	67.2	67.6	67.6	67.6	67.6	67.6	67.6	67.6	67.6	67.6	67.6	67.6	67.6	67.6	67.6	67.6
≥ 12000	68.2	68.6	68.6	68.6	68.6	68.6	68.6	68.6	68.6	68.6	68.6	68.6	68.6	68.6	68.6	68.6
≥ 10000	73.2	73.6	73.6	73.6	73.6	73.6	73.6	73.6	73.6	73.6	73.6	73.6	73.6	73.6	73.6	73.6
≥ 9000	74.7	75.1	75.1	75.1	75.1	75.1	75.1	75.1	75.1	75.1	75.1	75.1	75.1	75.1	75.1	75.1
≥ 8000	79.6	80.0	80.0	80.0	80.0	80.0	80.0	80.0	80.0	80.0	80.0	80.0	80.0	80.0	80.0	80.0
≥ 7000	82.2	82.6	82.6	82.6	82.6	82.6	82.6	82.6	82.6	82.6	82.6	82.6	82.6	82.6	82.6	82.6
≥ 6000	84.2	84.6	84.7	84.7	84.7	84.7	84.7	84.7	84.7	84.7	84.7	84.7	84.7	84.7	84.7	84.7
≥ 5000	86.5	87.1	87.2	87.2	87.2	87.2	87.2	87.2	87.2	87.2	87.2	87.2	87.2	87.2	87.2	87.2
≥ 4500	87.5	88.1	88.2	88.2	88.2	88.2	88.2	88.2	88.2	88.2	88.2	88.2	88.2	88.2	88.2	88.2
≥ 4000	91.1	91.7	91.8	91.8	91.8	91.8	91.8	91.8	91.8	91.8	91.8	91.8	91.8	91.8	91.8	91.8
≥ 3500	91.5	92.1	92.2	92.2	92.2	92.2	92.2	92.2	92.2	92.2	92.2	92.2	92.2	92.2	92.2	92.2
≥ 3000	92.5	94.0	94.2	94.2	94.2	94.2	94.2	94.2	94.2	94.2	94.2	94.2	94.2	94.2	94.2	94.2
≥ 2500	94.4	95.1	95.3	95.3	95.3	95.3	95.3	95.3	95.3	95.3	95.3	95.3	95.3	95.3	95.3	95.3
≥ 2000	95.1	96.4	96.5	96.5	96.5	96.5	96.5	96.5	96.5	96.5	96.5	96.5	96.5	96.5	96.5	96.5
≥ 1800	95.1	96.5	96.7	96.7	96.7	96.7	96.7	96.7	96.7	96.7	96.7	96.7	96.7	96.7	96.7	96.7
≥ 1500	95.1	97.1	97.2	97.2	97.2	97.2	97.2	97.2	97.2	97.2	97.2	97.2	97.2	97.2	97.2	97.2
≥ 1200	95.4	97.4	97.5	97.5	97.5	97.5	97.5	97.5	97.5	97.5	97.5	97.5	97.5	97.5	97.5	97.5
≥ 1000	95.8	97.8	97.9	97.9	98.1	98.1	98.1	98.1	98.1	98.1	98.1	98.2	98.2	98.2	98.2	98.2
≥ 900	96.0	97.9	98.1	98.1	98.2	98.2	98.2	98.2	98.2	98.2	98.2	98.3	98.3	98.3	98.3	98.3
≥ 800	96.0	98.1	98.3	98.3	98.3	98.3	98.3	98.3	98.3	98.3	98.3	98.4	98.4	98.4	98.4	98.4
≥ 700	96.5	98.6	99.2	99.2	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.4	99.4	99.4	99.4	99.4
≥ 600	96.5	98.6	99.2	99.2	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.4	99.4	99.4	99.4	99.4
≥ 500	96.5	98.6	99.2	99.2	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.4	99.4	99.4	99.4	99.4
≥ 400	96.5	98.6	99.2	99.2	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.6	99.6	99.6	99.6	99.6
≥ 300	96.5	98.6	99.3	99.3	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.7	99.7	99.7	99.7	99.7
≥ 200	96.5	98.6	99.3	99.3	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.7	99.7	99.7	99.7	99.7
≥ 100	96.5	98.6	99.3	99.3	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.9	99.9	99.9	99.9	99.9
≥ 0	98.8	98.8	99.3	99.3	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.9	99.9	99.9	99.9	100.0

TOTAL NUMBER OF OBSERVATIONS 720

USAFETAC

FORM
AE 64

0-14-5 (OL 1) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

DATA PROCESSING DIVISION
USAF ETAC
AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

94010
STATION

GLASGOW MONTANA AFB
STATION NAME

60-67
YEARS

JUN
MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

2100-2300
HOURS :EST

CEILING (FEET)	VISIBILITY (STATUTE MILES)															
	≥10	≥6	≥5	≥4	≥3	≥2½	≥2	≥1½	≥1¼	≥1	≥¾	≥½	≥¼	≥5/16	≥¼	≥0
NO CEILING	56.8	57.1	57.1	57.1	57.1	57.1	57.1	57.1	57.1	57.1	57.1	57.1	57.1	57.1	57.1	57.1
≥ 20000	70.3	70.7	70.7	70.7	70.7	70.7	70.7	70.7	70.7	70.7	70.7	70.7	70.7	70.7	70.7	70.7
IV 18000	70.3	70.7	70.7	70.7	70.7	70.7	70.7	70.7	70.7	70.7	70.7	70.7	70.7	70.7	70.7	70.7
IV 16000	70.3	70.7	70.7	70.7	70.7	70.7	70.7	70.7	70.7	70.7	70.7	70.7	70.7	70.7	70.7	70.7
IV 14000	70.3	70.7	70.7	70.7	70.7	70.7	70.7	70.7	70.7	70.7	70.7	70.7	70.7	70.7	70.7	70.7
IV 12000	70.7	71.1	71.1	71.1	71.1	71.1	71.1	71.1	71.1	71.1	71.1	71.1	71.1	71.1	71.1	71.1
IV 10000	74.3	74.7	74.7	74.7	74.7	74.7	74.7	74.7	74.7	74.7	74.7	74.7	74.7	74.7	74.7	74.7
IV 9000	76.4	76.8	76.8	76.8	76.9	76.9	76.9	76.9	76.9	76.9	76.9	76.9	76.9	76.9	76.9	76.9
IV 8000	79.9	80.3	80.3	80.3	80.4	80.4	80.4	80.4	80.4	80.4	80.4	80.4	80.4	80.4	80.4	80.4
IV 7000	82.8	83.3	83.3	83.3	83.6	83.6	83.6	83.6	83.6	83.6	83.6	83.6	83.6	83.6	83.6	83.6
IV 6000	84.7	85.4	85.4	85.4	85.6	85.6	85.6	85.6	85.6	85.6	85.6	85.6	85.6	85.6	85.6	85.6
IV 5000	86.5	87.6	87.8	87.8	87.9	87.9	87.9	87.9	87.9	87.9	87.9	87.9	87.9	87.9	87.9	87.9
IV 4500	86.9	88.1	88.2	88.2	88.3	88.3	88.3	88.3	88.3	88.3	88.3	88.3	88.3	88.3	88.3	88.3
IV 4000	89.6	90.8	91.0	91.1	91.3	91.3	91.3	91.3	91.3	91.3	91.3	91.3	91.3	91.3	91.3	91.3
IV 3500	89.9	91.1	91.3	91.4	91.5	91.5	91.5	91.5	91.5	91.5	91.5	91.5	91.5	91.5	91.5	91.5
IV 3000	90.7	91.9	92.1	92.2	92.4	92.4	92.4	92.4	92.4	92.4	92.4	92.4	92.4	92.4	92.4	92.4
IV 2500	91.5	93.2	93.3	93.3	93.8	93.8	93.8	93.8	93.8	93.8	93.8	93.8	93.8	93.8	93.8	93.8
IV 2000	91.7	93.3	94.2	94.3	94.6	94.6	94.6	94.6	94.6	94.6	94.6	94.6	94.6	94.6	94.6	94.6
IV 1800	91.7	93.3	94.2	94.3	94.6	94.6	94.6	94.6	94.6	94.6	94.6	94.6	94.6	94.6	94.6	94.6
IV 1500	92.2	94.2	95.0	95.1	95.4	95.4	95.6	95.6	95.6	95.6	95.6	95.6	95.6	95.6	95.6	95.6
IV 1200	92.6	94.7	95.6	95.7	96.0	96.0	96.1	96.1	96.1	96.1	96.1	96.1	96.1	96.1	96.1	96.1
IV 1000	93.1	95.4	96.4	96.5	96.8	96.8	97.1	97.1	97.1	97.1	97.1	97.1	97.1	97.1	97.1	97.1
IV 900	93.2	95.6	96.7	96.8	97.1	97.1	97.4	97.4	97.4	97.4	97.4	97.4	97.4	97.4	97.4	97.4
IV 800	93.3	95.8	97.1	97.2	97.3	97.3	97.8	97.8	97.8	97.8	97.8	97.8	97.8	97.8	97.8	97.8
IV 700	93.3	96.3	97.3	97.6	97.9	97.9	98.2	98.2	98.2	98.2	98.2	98.2	98.2	98.2	98.2	98.2
IV 600	93.8	96.3	97.8	97.9	98.2	98.2	98.3	98.3	98.3	98.3	98.3	98.3	98.3	98.3	98.3	98.3
IV 500	93.9	96.7	97.9	98.2	98.3	98.3	98.8	98.8	98.8	98.8	98.8	98.8	98.8	98.8	98.8	98.8
IV 400	94.0	96.9	98.2	98.3	98.3	98.3	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4
IV 300	94.0	97.4	98.8	98.9	99.6	99.6	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9
IV 200	94.0	97.4	98.8	99.0	99.7	99.7	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
IV 100	94.0	97.4	98.8	99.0	99.7	99.7	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
IV 0	94.0	97.4	98.8	99.0	99.7	99.7	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0

TOTAL NUMBER OF OBSERVATIONS 720

2
DATA PROCESSING DIVISION
USAF ETAC
AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

94010 STATION GLASGOW MONTANA AFB

59-67

YEARS

JUL MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

0000-0200
HOURS LST

CEILING (FEET)	VISIBILITY (STATUTE MILES)															
	≥10	≥6	≥5	≥4	≥3	≥2½	≥2	≥1½	≥1¼	≥1	≥¾	≥½	≥¼	≥5 16	≥¼	≥0
NO CEILING	74.1	74.1	74.1	74.1	74.2	74.2	74.2	74.2	74.2	74.2	74.2	74.2	74.2	74.2	74.2	74.2
≥ 20000	80.1	80.1	80.1	80.1	80.2	80.2	80.2	80.2	80.2	80.2	80.2	80.2	80.2	80.2	80.2	80.2
≥ 18000	80.1	80.1	80.1	80.1	80.2	80.2	80.2	80.2	80.2	80.2	80.2	80.2	80.2	80.2	80.2	80.2
≥ 16000	80.1	80.1	80.1	80.1	80.2	80.2	80.2	80.2	80.2	80.2	80.2	80.2	80.2	80.2	80.2	80.2
≥ 14000	80.1	80.1	80.1	80.1	80.2	80.2	80.2	80.2	80.2	80.2	80.2	80.2	80.2	80.2	80.2	80.2
≥ 12000	84.1	84.1	84.1	84.1	84.2	84.2	84.2	84.2	84.2	84.2	84.2	84.2	84.2	84.2	84.2	84.2
≥ 10000	86.7	86.7	86.7	86.7	86.9	86.9	86.9	86.9	86.9	86.9	86.9	86.9	86.9	86.9	86.9	86.9
≥ 9000	87.5	87.5	87.5	87.5	87.6	87.6	87.6	87.6	87.6	87.6	87.6	87.6	87.6	87.6	87.6	87.6
≥ 8000	89.7	89.7	89.7	89.7	89.9	89.9	89.9	89.9	89.9	89.9	89.9	89.9	89.9	89.9	89.9	89.9
≥ 7000	90.4	90.4	90.4	90.4	90.5	90.5	90.5	90.5	90.5	90.5	90.5	90.5	90.5	90.5	90.5	90.5
≥ 6000	92.4	92.5	92.5	92.5	92.6	92.6	92.6	92.6	92.6	92.6	92.6	92.6	92.6	92.6	92.6	92.6
≥ 5000	95.5	95.7	95.7	95.7	96.1	96.1	96.1	96.1	96.1	96.1	96.1	96.1	96.1	96.1	96.1	96.1
≥ 4500	95.9	96.1	96.1	96.1	96.5	96.5	96.5	96.5	96.5	96.5	96.5	96.5	96.5	96.5	96.5	96.5
≥ 4000	97.9	98.1	98.1	98.1	98.5	98.5	98.5	98.5	98.5	98.5	98.5	98.5	98.5	98.5	98.5	98.5
≥ 3500	97.9	98.1	98.1	98.1	98.5	98.5	98.5	98.5	98.5	98.5	98.5	98.5	98.5	98.5	98.5	98.5
≥ 3000	97.9	98.1	98.1	98.1	98.5	98.5	98.5	98.5	98.5	98.5	98.5	98.5	98.5	98.5	98.5	98.5
≥ 2500	97.9	98.1	98.1	98.1	98.5	98.5	98.5	98.5	98.5	98.5	98.5	98.5	98.5	98.5	98.5	98.5
≥ 2000	98.4	98.6	98.6	98.6	99.0	99.0	99.0	99.0	99.0	99.0	99.0	99.0	99.0	99.0	99.0	99.0
≥ 1800	98.4	98.6	98.6	98.6	99.0	99.0	99.0	99.0	99.0	99.0	99.0	99.0	99.0	99.0	99.0	99.0
≥ 1500	98.4	98.6	98.6	98.6	99.0	99.0	99.0	99.0	99.0	99.0	99.0	99.0	99.0	99.0	99.0	99.0
≥ 1200	98.7	99.0	99.0	99.0	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4
≥ 1000	98.7	99.0	99.0	99.0	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4
≥ 900	98.7	99.0	99.0	99.0	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4
≥ 800	98.7	99.0	99.0	99.0	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4
≥ 700	98.7	99.0	99.0	99.0	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4
≥ 600	98.7	99.1	99.4	99.4	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7
≥ 500	99.1	99.4	99.6	99.6	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 400	99.1	99.4	99.6	99.6	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 300	99.1	99.4	99.6	99.6	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 200	99.1	99.4	99.6	99.6	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 100	99.1	99.4	99.6	99.6	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 0	99.1	99.4	99.6	99.6	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0

TOTAL NUMBER OF OBSERVATIONS 799

USAFETAC

FORM
JUL 64

0-14-5 (OL 1) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

2
DATA PROCESSING DIVISION
USAF ETAC
AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

94010 STATION GLASGOW MONTANA AFB

59-67

YEARS

JUL

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

0400-0500
HOURS LST

CEILING (FEET)	VISIBILITY (STATUTE MILES)															
	≥10	≥6	≥5	≥4	≥3	≥2½	≥2	≥1½	≥1¼	≥1	≥¾	≥½	≥¼	≥5/16	≥¼	≥0
NO CEILING	70.8	70.8	70.9	70.9	71.1	71.1	71.1	71.1	71.1	71.2	71.2	71.2	71.2	71.2	71.3	71.4
≥ 20000	77.5	77.5	77.6	77.6	77.7	77.7	77.7	77.7	77.7	77.7	77.8	77.8	77.8	77.8	78.0	78.1
≥ 18000	77.5	77.5	77.6	77.6	77.7	77.7	77.7	77.7	77.7	77.7	77.8	77.8	77.8	77.8	78.0	78.1
≥ 16000	77.5	77.5	77.6	77.6	77.7	77.7	77.7	77.7	77.7	77.7	77.8	77.8	77.8	77.8	78.0	78.1
≥ 14000	77.7	77.7	77.8	77.8	78.0	78.0	78.0	78.0	78.0	78.0	78.1	78.1	78.1	78.1	78.2	78.3
≥ 12000	80.4	80.4	80.5	80.5	80.7	80.7	80.7	80.7	80.7	80.7	80.8	80.8	80.8	80.8	80.9	81.0
≥ 10000	85.0	85.0	85.1	85.1	85.2	85.2	85.2	85.2	85.2	85.3	85.3	85.3	85.3	85.3	85.5	85.6
≥ 9000	85.8	85.8	86.0	86.0	86.1	86.1	86.1	86.1	86.1	86.2	86.2	86.2	86.2	86.2	86.3	86.5
≥ 8000	89.9	89.9	90.0	90.0	90.1	90.1	90.1	90.1	90.1	90.3	90.3	90.3	90.3	90.3	90.4	90.5
≥ 7000	91.4	91.4	91.5	91.5	91.6	91.6	91.6	91.6	91.6	91.7	91.7	91.7	91.7	91.7	91.9	92.0
≥ 6000	93.0	93.3	93.5	93.5	93.6	93.6	93.6	93.6	93.6	93.7	93.7	93.7	93.7	93.7	93.8	94.0
≥ 5000	94.8	95.2	95.3	95.3	95.4	95.4	95.4	95.4	95.4	95.6	95.6	95.6	95.6	95.6	95.7	95.8
≥ 4500	95.4	95.8	95.9	95.9	96.1	96.1	96.1	96.1	96.1	96.2	96.2	96.2	96.2	96.2	96.3	96.4
≥ 4000	97.3	97.7	97.8	97.8	97.9	97.9	97.9	97.9	97.9	98.0	98.0	98.0	98.0	98.0	98.2	98.3
≥ 3500	97.3	97.7	97.8	97.8	97.9	97.9	97.9	97.9	97.9	98.0	98.0	98.0	98.0	98.0	98.2	98.3
≥ 3000	97.5	97.9	98.0	98.0	98.2	98.2	98.2	98.2	98.2	98.3	98.3	98.3	98.3	98.3	98.4	98.5
≥ 2500	97.5	97.9	98.0	98.0	98.2	98.2	98.2	98.2	98.2	98.3	98.3	98.3	98.3	98.3	98.4	98.5
≥ 2000	97.7	98.0	98.2	98.2	98.4	98.4	98.4	98.4	98.4	98.5	98.5	98.5	98.5	98.5	98.6	98.8
≥ 1800	97.7	98.0	98.2	98.2	98.4	98.4	98.4	98.4	98.4	98.5	98.5	98.5	98.5	98.5	98.6	98.8
≥ 1500	97.7	98.0	98.2	98.2	98.4	98.4	98.4	98.4	98.4	98.5	98.5	98.5	98.5	98.5	98.6	98.8
≥ 1200	97.9	98.4	98.5	98.5	98.8	98.8	98.8	98.8	98.8	98.9	98.9	98.9	98.9	98.9	99.0	99.1
≥ 1000	97.9	98.4	98.5	98.5	98.8	98.8	98.8	98.8	98.8	98.9	98.9	98.9	98.9	98.9	99.0	99.1
≥ 900	97.9	98.4	98.5	98.5	98.8	98.8	98.8	98.8	98.8	98.9	98.9	98.9	98.9	98.9	99.0	99.1
≥ 800	97.9	98.4	98.5	98.5	98.8	98.8	98.8	98.8	98.8	98.9	98.9	98.9	98.9	98.9	99.0	99.1
≥ 700	97.9	98.4	98.5	98.5	98.8	98.8	98.8	98.8	98.8	98.9	98.9	98.9	98.9	98.9	99.0	99.1
≥ 600	98.2	98.8	98.9	98.9	99.1	99.1	99.1	99.1	99.1	99.3	99.3	99.3	99.3	99.3	99.4	99.5
≥ 500	98.3	98.8	98.9	98.9	99.1	99.1	99.1	99.1	99.1	99.3	99.3	99.3	99.3	99.3	99.4	99.5
≥ 400	98.3	98.8	98.9	98.9	99.1	99.1	99.1	99.1	99.1	99.3	99.3	99.3	99.3	99.3	99.4	99.5
≥ 300	98.4	98.9	99.3	99.3	99.5	99.5	99.5	99.5	99.5	99.6	99.6	99.6	99.6	99.6	99.8	99.9
≥ 200	98.5	99.0	99.4	99.4	99.6	99.6	99.6	99.6	99.6	99.8	99.8	99.8	99.8	99.8	99.9	100.0
≥ 100	98.5	99.0	99.4	99.4	99.6	99.6	99.6	99.6	99.6	99.8	99.8	99.8	99.8	99.8	99.9	100.0
≥ 0	98.5	99.0	99.4	99.4	99.6	99.6	99.6	99.6	99.6	99.8	99.8	99.8	99.8	99.8	99.9	100.0

TOTAL NUMBER OF OBSERVATIONS 812

2

DATA PROCESSING DIVISION
USAF ETAC
AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

94010
STATIONGLASGOW MONTANA AFB
STATION NAME59-67
YEARS

JUL

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

0600-0800

CEILING (FEET)	VISIBILITY (STATUTE MILES)															
	≥10	≥6	≥5	≥4	≥3	≥2.5	≥2	≥1.5	≥1.4	≥1	≥.9	≥.8	≥.7	≥.6	≥.5	≥0
NO CEILING	74.7	74.9	75.2	75.2	75.2	75.2	75.2	75.2	75.2	75.2	75.2	75.2	75.2	75.2	75.3	75.4
≥ 20000	80.4	80.6	80.8	80.8	80.8	80.8	80.8	80.8	80.8	80.8	80.8	80.8	80.8	80.8	81.0	81.1
≥ 18000	80.5	80.7	81.0	81.0	81.0	81.0	81.0	81.0	81.0	81.0	81.0	81.0	81.0	81.1	81.1	81.2
≥ 16000	80.5	80.7	81.0	81.0	81.0	81.0	81.0	81.0	81.0	81.0	81.0	81.0	81.0	81.1	81.1	81.2
≥ 14000	80.8	81.1	81.3	81.3	81.3	81.3	81.3	81.3	81.3	81.3	81.3	81.3	81.3	81.5	81.5	81.6
≥ 12000	84.2	84.5	84.7	84.7	84.7	84.7	84.7	84.7	84.7	84.7	84.7	84.7	84.7	84.8	84.8	85.0
≥ 10000	87.8	88.0	88.2	88.2	88.2	88.2	88.2	88.2	88.2	88.2	88.2	88.2	88.2	88.4	88.4	88.5
≥ 9000	89.5	89.7	89.9	89.9	89.9	89.9	89.9	89.9	89.9	89.9	89.9	89.9	89.9	90.1	90.1	90.2
≥ 8000	92.1	92.4	92.6	92.6	92.6	92.6	92.6	92.6	92.6	92.6	92.6	92.6	92.6	92.7	92.7	92.8
≥ 7000	93.3	93.6	93.8	93.8	93.8	93.8	93.8	93.8	93.8	93.8	93.8	93.8	93.8	93.9	93.9	94.1
≥ 6000	95.0	95.3	95.5	95.5	95.5	95.5	95.5	95.5	95.5	95.5	95.5	95.5	95.5	95.6	95.6	95.8
≥ 5000	96.5	96.7	97.0	97.0	97.0	97.0	97.0	97.0	97.0	97.0	97.0	97.0	97.0	97.1	97.1	97.2
≥ 4500	96.8	97.1	97.3	97.3	97.3	97.3	97.3	97.3	97.3	97.3	97.3	97.3	97.3	97.5	97.5	97.6
≥ 4000	97.3	97.6	97.8	97.8	97.8	97.8	97.8	97.8	97.8	97.8	97.8	97.8	97.8	97.9	97.9	98.1
≥ 3500	97.3	97.6	97.8	97.8	97.8	97.8	97.8	97.8	97.8	97.8	97.8	97.8	97.8	97.9	97.9	98.1
≥ 3000	97.3	97.6	97.8	97.8	97.8	97.8	97.8	97.8	97.8	97.8	97.8	97.8	97.8	97.9	97.9	98.1
≥ 2500	97.3	97.6	97.8	97.8	97.8	97.8	97.8	97.8	97.8	97.8	97.8	97.8	97.8	97.9	97.9	98.1
≥ 2000	97.8	98.1	98.3	98.3	98.3	98.3	98.3	98.3	98.3	98.3	98.3	98.3	98.3	98.4	98.4	98.5
≥ 1800	97.8	98.1	98.3	98.3	98.3	98.3	98.3	98.3	98.3	98.3	98.3	98.3	98.3	98.4	98.4	98.5
≥ 1500	97.9	98.2	98.4	98.4	98.4	98.4	98.4	98.4	98.4	98.4	98.4	98.4	98.4	98.5	98.5	98.7
≥ 1200	98.1	98.3	98.5	98.5	98.5	98.5	98.5	98.5	98.5	98.5	98.5	98.5	98.5	98.7	98.7	98.8
≥ 1000	98.2	98.4	98.7	98.7	98.7	98.7	98.7	98.7	98.7	98.7	98.7	98.7	98.7	98.8	98.8	98.9
≥ 900	98.4	98.7	98.9	98.9	98.9	98.9	98.9	98.9	98.9	98.9	98.9	98.9	98.9	99.0	99.0	99.2
≥ 800	98.4	98.8	99.0	99.0	99.0	99.0	99.0	99.0	99.0	99.0	99.0	99.0	99.0	99.2	99.2	99.3
≥ 700	98.4	98.8	99.0	99.0	99.0	99.0	99.0	99.0	99.0	99.0	99.0	99.0	99.0	99.2	99.2	99.3
≥ 600	98.4	98.8	99.0	99.0	99.0	99.0	99.0	99.0	99.0	99.0	99.0	99.0	99.0	99.2	99.2	99.3
≥ 500	98.4	98.8	99.0	99.0	99.0	99.0	99.0	99.0	99.0	99.0	99.0	99.0	99.0	99.2	99.2	99.3
≥ 400	98.4	98.8	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.4	99.4	99.5
≥ 300	98.5	98.9	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.9	99.9	100.0
≥ 200	98.5	98.9	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.9	99.9	100.0
≥ 100	98.5	98.9	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.9	99.9	100.0
≥ 0	98.5	98.9	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.9	99.9	100.0

TOTAL NUMBER OF OBSERVATIONS 825

USAFETAC FORM JUL 64 0-14-5 (OL 1) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

2

DATA PROCESSING DIVISION
USAF ETAC
AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

94010
STATIONGLASGOW MONTANA AFB
STATION NAME59-67
YEARJUL
MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

0900-1100
HOURS

CEILING (FEET)	VISIBILITY (STATUTE MILES)															
	≥10	≥6	≥5	≥4	≥3	≥2½	≥2	≥1½	≥1¼	≥1	¾	¾	¾	¾	≥5/16	≥¼
NO CEILING	78.4	78.4	78.4	78.4	78.4	78.4	78.4	78.4	78.4	78.4	78.4	78.4	78.4	78.4	78.4	78.4
≥ 20000	83.7	83.7	83.7	83.7	83.7	83.7	83.7	83.7	83.7	83.7	83.7	83.7	83.7	83.7	83.7	83.7
≥ 18000	83.7	83.7	83.7	83.7	83.7	83.7	83.7	83.7	83.7	83.7	83.7	83.7	83.7	83.7	83.7	83.7
≥ 16000	83.7	83.7	83.7	83.7	83.7	83.7	83.7	83.7	83.7	83.7	83.7	83.7	83.7	83.7	83.7	83.7
≥ 14000	84.1	84.1	84.1	84.1	84.1	84.1	84.1	84.1	84.1	84.1	84.1	84.1	84.1	84.1	84.1	84.1
≥ 12000	86.1	86.1	86.1	86.1	86.1	86.1	86.1	86.1	86.1	86.1	86.1	86.1	86.1	86.1	86.1	86.1
≥ 10000	88.6	88.6	88.6	88.6	88.6	88.6	88.6	88.6	88.6	88.6	88.6	88.6	88.6	88.6	88.6	88.6
≥ 9000	89.9	89.9	89.9	89.9	89.9	89.9	89.9	89.9	89.9	89.9	89.9	89.9	89.9	89.9	89.9	89.9
≥ 8000	91.1	91.1	91.1	91.1	91.1	91.1	91.1	91.1	91.1	91.1	91.1	91.1	91.1	91.1	91.1	91.1
≥ 7000	91.9	91.9	91.9	91.9	91.9	91.9	91.9	91.9	91.9	91.9	91.9	91.9	91.9	91.9	91.9	91.9
≥ 6000	93.7	93.9	93.9	93.9	93.9	93.9	93.9	93.9	93.9	93.9	93.9	93.9	93.9	93.9	93.9	93.9
≥ 5000	95.2	95.3	95.3	95.3	95.3	95.3	95.3	95.3	95.3	95.3	95.3	95.3	95.3	95.3	95.3	95.3
≥ 4500	95.7	95.8	95.9	95.9	95.9	95.9	95.9	95.9	95.9	95.9	95.9	95.9	95.9	95.9	95.9	95.9
≥ 4000	95.9	96.0	96.1	96.1	96.1	96.1	96.1	96.1	96.1	96.1	96.1	96.1	96.1	96.1	96.1	96.1
≥ 3500	96.1	96.3	96.4	96.4	96.4	96.4	96.4	96.4	96.4	96.4	96.4	96.4	96.4	96.4	96.4	96.4
≥ 3000	96.5	96.6	96.7	96.7	96.7	96.7	96.7	96.7	96.7	96.7	96.7	96.7	96.7	96.7	96.7	96.7
≥ 2500	97.1	97.2	97.3	97.3	97.3	97.3	97.3	97.3	97.3	97.3	97.3	97.3	97.3	97.3	97.3	97.3
≥ 2000	97.6	97.7	97.8	97.8	97.8	97.8	97.8	97.8	97.8	97.8	97.8	97.8	97.8	97.8	97.8	97.8
≥ 1800	97.6	97.7	97.8	97.8	97.8	97.8	97.8	97.8	97.8	97.8	97.8	97.8	97.8	97.8	97.8	97.8
≥ 1500	98.2	98.3	98.4	98.4	98.4	98.4	98.4	98.4	98.4	98.4	98.4	98.4	98.4	98.4	98.4	98.4
≥ 1200	98.6	98.8	98.9	98.9	98.9	98.9	98.9	98.9	98.9	98.9	98.9	98.9	98.9	98.9	98.9	98.9
≥ 1000	99.3	99.3	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6
≥ 900	99.3	99.3	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6
≥ 800	99.3	99.3	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6
≥ 700	99.3	99.3	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6
≥ 600	99.3	99.3	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6
≥ 500	99.3	99.3	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6
≥ 400	99.3	99.3	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6
≥ 300	99.6	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 200	99.6	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 100	99.6	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 0	99.6	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0

TOTAL NUMBER OF OBSERVATIONS 830

USAFETAC

FORM
JUL 64

0-14-5 (OL 1) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

DATA PROCESSING DIVISION
USAF ETAC
AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

94010 STATION GLASGOW MONTANA AFB STATION NAME

59-67 YEARS

JUL

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

1200-1400

CEILING (FEET)	VISIBILITY (STATUTE MILES)															
	≥ 10	≥ 6	≥ 5	≥ 4	≥ 3	≥ 2.5	≥ 2	≥ 1.5	≥ 1.25	≥ 1	≥ .75	≥ .5	≥ .25	≥ .16	≥ .1	≥ 0
NO CEILING	71.9	71.9	71.9	71.9	71.9	71.9	71.9	71.9	71.9	71.9	71.9	71.9	71.9	71.9	71.9	71.9
≥ 20000	80.8	80.8	80.8	80.8	80.8	80.8	80.8	80.8	80.8	80.8	80.8	80.8	80.8	80.8	80.8	80.8
≥ 18000	80.8	80.8	80.8	80.8	80.8	80.8	80.8	80.8	80.8	80.8	80.8	80.8	80.8	80.8	80.8	80.8
≥ 16000	80.8	80.8	80.8	80.8	80.8	80.8	80.8	80.8	80.8	80.8	80.8	80.8	80.8	80.8	80.8	80.8
≥ 14000	81.1	81.1	81.1	81.1	81.1	81.1	81.1	81.1	81.1	81.1	81.1	81.1	81.1	81.1	81.1	81.1
≥ 12000	82.3	82.3	82.3	82.3	82.3	82.3	82.3	82.3	82.3	82.3	82.3	82.3	82.3	82.3	82.3	82.3
≥ 10000	85.0	85.1	85.1	85.1	85.1	85.1	85.1	85.1	85.1	85.1	85.1	85.1	85.1	85.1	85.1	85.1
≥ 9000	87.2	87.3	87.3	87.3	87.3	87.3	87.3	87.3	87.3	87.3	87.3	87.3	87.3	87.3	87.3	87.3
≥ 8000	88.0	88.1	88.1	88.1	88.1	88.1	88.1	88.1	88.1	88.1	88.1	88.1	88.1	88.1	88.1	88.1
≥ 7000	89.0	89.1	89.1	89.1	89.1	89.1	89.1	89.1	89.1	89.1	89.1	89.1	89.1	89.1	89.1	89.1
≥ 6000	90.3	90.7	90.7	90.7	90.7	90.7	90.7	90.7	90.7	90.7	90.7	90.7	90.7	90.7	90.7	90.7
≥ 5000	92.1	92.5	92.5	92.5	92.5	92.5	92.5	92.5	92.5	92.5	92.5	92.5	92.5	92.5	92.5	92.5
≥ 4500	93.9	94.3	94.3	94.3	94.3	94.3	94.3	94.3	94.3	94.3	94.3	94.3	94.3	94.3	94.3	94.3
≥ 4000	95.0	95.4	95.4	95.4	95.4	95.4	95.4	95.4	95.4	95.4	95.4	95.4	95.4	95.4	95.4	95.4
≥ 3500	95.6	96.0	96.0	96.0	96.0	96.0	96.0	96.0	96.0	96.0	96.0	96.0	96.0	96.0	96.0	96.0
≥ 3000	96.2	96.9	96.9	96.9	96.9	96.9	96.9	96.9	96.9	96.9	96.9	96.9	96.9	96.9	96.9	96.9
≥ 2500	97.0	97.6	97.6	97.6	97.6	97.6	97.6	97.6	97.6	97.6	97.6	97.6	97.6	97.6	97.6	97.6
≥ 2000	97.9	98.3	98.3	98.3	98.3	98.3	98.3	98.3	98.3	98.3	98.3	98.3	98.3	98.3	98.3	98.3
≥ 1800	97.9	98.3	98.3	98.3	98.3	98.3	98.3	98.3	98.3	98.3	98.3	98.3	98.3	98.3	98.3	98.3
≥ 1500	98.4	99.0	99.0	99.0	99.0	99.0	99.0	99.0	99.0	99.0	99.0	99.0	99.0	99.0	99.0	99.0
≥ 1200	98.8	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3
≥ 1000	98.9	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6
≥ 900	98.9	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6
≥ 800	98.9	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6
≥ 700	98.9	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6
≥ 600	98.9	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6
≥ 500	98.9	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6
≥ 400	98.9	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6
≥ 300	99.0	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 200	99.0	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 100	99.0	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 0	99.0	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0

TOTAL NUMBER OF OBSERVATIONS 826

DATA PROCESSING DIVISION
USAF ETAC
AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

94010
STATION

GLASGOW MONTANA AFB
STATION NAME

59-67
YEARS

JUL

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

1500-1700

CEILING (FEET)	VISIBILITY (STATUTE MILES)															
	≥ 10	≥ 6	≥ 5	≥ 4	≥ 3	≥ 2.5	≥ 2	≥ 1.5	≥ 1.4	≥ 1	≥ .9	≥ .8	≥ .7	≥ .6	≥ .5	≥ 0
NO CEILING	68.8	68.8	68.8	68.8	68.8	68.8	68.8	68.8	68.8	68.8	68.8	68.8	68.8	68.8	68.8	68.8
≥ 20000	82.6	82.6	82.6	82.6	82.6	82.6	82.6	82.6	82.6	82.6	82.6	82.6	82.6	82.6	82.6	82.6
≥ 18000	82.6	82.6	82.6	82.6	82.6	82.6	82.6	82.6	82.6	82.6	82.6	82.6	82.6	82.6	82.6	82.6
≥ 16000	82.6	82.6	82.6	82.6	82.6	82.6	82.6	82.6	82.6	82.6	82.6	82.6	82.6	82.6	82.6	82.6
≥ 14000	83.5	83.5	83.5	83.5	83.5	83.5	83.5	83.5	83.5	83.5	83.5	83.5	83.5	83.5	83.5	83.5
≥ 12000	84.4	84.4	84.4	84.4	84.4	84.4	84.4	84.4	84.4	84.4	84.4	84.4	84.4	84.4	84.4	84.4
≥ 10000	87.1	87.1	87.1	87.1	87.1	87.1	87.1	87.1	87.1	87.1	87.1	87.1	87.1	87.1	87.1	87.1
≥ 9000	88.9	88.9	88.9	88.9	88.9	88.9	88.9	88.9	88.9	88.9	88.9	88.9	88.9	88.9	88.9	88.9
≥ 8000	90.1	90.1	90.1	90.1	90.1	90.1	90.1	90.1	90.1	90.1	90.1	90.1	90.1	90.1	90.1	90.1
≥ 7000	91.1	91.1	91.1	91.1	91.1	91.1	91.1	91.1	91.1	91.1	91.1	91.1	91.1	91.1	91.1	91.1
≥ 6000	91.8	91.9	91.9	91.9	91.9	91.9	91.9	91.9	91.9	91.9	91.9	91.9	91.9	91.9	91.9	91.9
≥ 5000	94.7	94.8	94.8	94.8	94.8	94.8	94.8	94.8	94.8	94.8	94.8	94.8	94.8	94.8	94.8	94.8
≥ 4500	95.4	95.5	95.5	95.5	95.5	95.5	95.5	95.5	95.5	95.5	95.5	95.5	95.5	95.5	95.5	95.5
≥ 4000	97.3	97.5	97.5	97.5	97.5	97.5	97.5	97.5	97.5	97.5	97.5	97.5	97.5	97.5	97.5	97.5
≥ 3500	97.6	97.7	97.7	97.7	97.7	97.7	97.7	97.7	97.7	97.7	97.7	97.7	97.7	97.7	97.7	97.7
≥ 3000	97.7	97.8	97.8	97.8	97.8	97.8	97.8	97.8	97.8	97.8	97.8	97.8	97.8	97.8	97.8	97.8
≥ 2500	98.2	98.3	98.3	98.3	98.3	98.3	98.3	98.3	98.3	98.3	98.3	98.3	98.3	98.3	98.3	98.3
≥ 2000	98.6	98.7	98.7	98.7	98.7	98.7	98.7	98.7	98.7	98.7	98.7	98.7	98.7	98.7	98.7	98.7
≥ 1800	98.7	98.8	98.8	98.8	98.8	98.8	98.8	98.8	98.8	98.8	98.8	98.8	98.8	98.8	98.8	98.8
≥ 1500	98.9	99.0	99.0	99.0	99.0	99.0	99.0	99.0	99.0	99.0	99.0	99.0	99.0	99.0	99.0	99.0
≥ 1200	99.4	99.5	99.5	99.5	99.5	99.5	99.5	99.5	99.5	99.5	99.5	99.5	99.5	99.5	99.5	99.5
≥ 1000	99.5	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6
≥ 900	99.5	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6
≥ 800	99.5	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6
≥ 700	99.5	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6
≥ 600	99.5	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6
≥ 500	99.8	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 400	99.8	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 300	99.8	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 200	99.8	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 100	99.8	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 0	99.8	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0

TOTAL NUMBER OF OBSERVATIONS 829

USAFETAC

FORM
AR 64

0-14-5 (OL 1) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

2
DATA PROCESSING DIVISION
USAF ETAC
AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

94010
STATION

GLASGOW MONTANA AFB
STATION NAME

59-67
YEARS

JUL
MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

1800-2000
HOURS

CEILING (FEET)	VISIBILITY (STATUTE MILES)															
	≥ 10	≥ 6	≥ 5	≥ 4	≥ 3	≥ 2½	≥ 2	≥ 1½	≥ 1¼	≥ 1	≥ ¾	≥ ½	≥ ¼	≥ 5 16	≥ 1	≥ 0
NO CEILING	68.4	68.4	68.4	68.5	68.5	68.5	68.5	68.5	68.5	68.5	68.5	68.5	68.5	68.5	68.5	68.5
≥ 20000	82.5	82.5	82.7	82.8	82.8	82.8	82.8	82.8	82.8	82.8	82.8	82.8	82.8	82.8	82.8	82.8
≥ 18000	82.5	82.5	82.7	82.8	82.8	82.8	82.8	82.8	82.8	82.8	82.8	82.8	82.8	82.8	82.8	82.8
≥ 16000	82.5	82.5	82.7	82.8	82.8	82.8	82.8	82.8	82.8	82.8	82.8	82.8	82.8	82.8	82.8	82.8
≥ 14000	83.0	83.0	83.2	83.3	83.3	83.3	83.3	83.3	83.3	83.3	83.3	83.3	83.3	83.3	83.3	83.3
≥ 12000	84.2	84.2	84.4	84.5	84.5	84.5	84.5	84.5	84.5	84.5	84.5	84.5	84.5	84.5	84.5	84.5
≥ 10000	87.8	87.8	87.9	88.0	88.0	88.0	88.0	88.0	88.0	88.0	88.0	88.0	88.0	88.0	88.0	88.0
≥ 9000	88.6	88.6	88.7	88.8	88.8	88.8	88.8	88.8	88.8	88.8	88.8	88.8	88.8	88.8	88.8	88.8
≥ 8000	90.5	90.5	90.7	90.8	90.8	90.8	90.8	90.8	90.8	90.8	90.8	90.8	90.8	90.8	90.8	90.8
≥ 7000	92.0	92.0	92.1	92.2	92.2	92.2	92.2	92.2	92.2	92.2	92.2	92.2	92.2	92.2	92.2	92.2
≥ 6000	93.8	93.8	93.9	94.1	94.1	94.1	94.1	94.1	94.1	94.1	94.1	94.1	94.1	94.1	94.1	94.1
≥ 5000	96.0	96.1	96.2	96.4	96.4	96.4	96.5	96.5	96.5	96.5	96.5	96.5	96.5	96.5	96.5	96.5
≥ 4500	96.0	96.1	96.2	96.4	96.4	96.4	96.5	96.5	96.5	96.5	96.5	96.5	96.5	96.5	96.5	96.5
≥ 4000	97.9	98.2	98.3	98.4	98.4	98.4	98.5	98.5	98.5	98.5	98.5	98.5	98.5	98.5	98.5	98.5
≥ 3500	97.9	98.2	98.3	98.4	98.4	98.4	98.7	98.7	98.7	98.7	98.7	98.7	98.7	98.7	98.7	98.7
≥ 3000	97.9	98.2	98.3	98.4	98.4	98.4	98.7	98.7	98.7	98.7	98.7	98.7	98.7	98.7	98.7	98.7
≥ 2500	98.1	98.3	98.5	98.7	98.7	98.7	98.9	98.9	98.9	98.9	98.9	98.9	98.9	98.9	98.9	98.9
≥ 2000	98.1	98.4	98.8	98.9	98.9	98.9	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2
≥ 1800	98.1	98.4	98.8	98.9	98.9	98.9	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2
≥ 1500	98.1	98.4	98.8	98.9	98.9	98.9	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2
≥ 1200	98.4	98.8	99.2	99.3	99.3	99.3	99.5	99.5	99.5	99.5	99.5	99.5	99.5	99.5	99.5	99.5
≥ 1000	98.4	98.8	99.2	99.3	99.3	99.3	99.5	99.5	99.5	99.5	99.5	99.5	99.5	99.5	99.5	99.5
≥ 900	98.4	98.8	99.2	99.3	99.3	99.3	99.5	99.5	99.5	99.5	99.5	99.5	99.5	99.5	99.5	99.5
≥ 800	98.4	98.8	99.2	99.3	99.3	99.3	99.5	99.5	99.5	99.5	99.5	99.5	99.5	99.5	99.5	99.5
≥ 700	98.4	98.8	99.2	99.3	99.3	99.3	99.5	99.5	99.5	99.5	99.5	99.5	99.5	99.5	99.5	99.5
≥ 600	98.4	98.8	99.2	99.3	99.3	99.3	99.5	99.5	99.5	99.5	99.5	99.5	99.5	99.5	99.5	99.5
≥ 500	98.7	99.0	99.6	99.8	99.8	99.8	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 400	98.7	99.0	99.6	99.8	99.8	99.8	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 300	98.7	99.0	99.6	99.8	99.8	99.8	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 200	98.7	99.0	99.6	99.8	99.8	99.8	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 100	98.7	99.0	99.6	99.8	99.8	99.8	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 0	98.7	99.0	99.6	99.8	99.8	99.8	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0

TOTAL NUMBER OF OBSERVATIONS 825

2

DATA PROCESSING DIVISION
USAF ETAC
AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

94010
STATIONGLASGOW MONTANA AFB
STATION NAME59-67
YEARJUL
MONTHPERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)2100-2300
HOURS

CEILING (FEET)	VISIBILITY STATUTE MILES															
	≥ 10	≥ 6	≥ 5	≥ 4	≥ 3	≥ 2½	≥ 2	≥ 1½	≥ 1½	≥ 1	≥ 1	≥ 1	≥ 1	≥ 1	≥ 1	≥ 0
NO CEILING	70.1	70.1	70.1	70.1	70.1	70.1	70.1	70.1	70.1	70.1	70.1	70.1	70.1	70.1	70.1	70.1
≥ 20000	79.2	79.2	79.2	79.2	79.2	79.2	79.2	79.2	79.2	79.2	79.2	79.2	79.2	79.2	79.2	79.2
≥ 18000	79.2	79.2	79.2	79.2	79.2	79.2	79.2	79.2	79.2	79.2	79.2	79.2	79.2	79.2	79.2	79.2
≥ 16000	79.2	79.2	79.2	79.2	79.2	79.2	79.2	79.2	79.2	79.2	79.2	79.2	79.2	79.2	79.2	79.2
≥ 14000	79.7	79.7	79.7	79.7	79.7	79.7	79.7	79.7	79.7	79.7	79.7	79.7	79.7	79.7	79.7	79.7
≥ 12000	82.6	82.6	82.6	82.6	82.6	82.6	82.6	82.6	82.6	82.6	82.6	82.6	82.6	82.6	82.6	82.6
≥ 10000	86.8	86.8	86.8	86.8	86.8	86.8	86.8	86.8	86.8	86.8	86.8	86.8	86.8	86.8	86.8	86.8
≥ 9000	87.4	87.4	87.4	87.4	87.4	87.4	87.4	87.4	87.4	87.4	87.4	87.4	87.4	87.4	87.4	87.4
≥ 8000	89.8	89.8	89.8	89.8	89.8	89.8	89.8	89.8	89.8	89.8	89.8	89.8	89.8	89.8	89.8	89.8
≥ 7000	91.0	91.0	91.2	91.2	91.2	91.2	91.2	91.2	91.2	91.2	91.2	91.2	91.2	91.2	91.2	91.2
≥ 6000	92.9	92.9	93.0	93.0	93.0	93.0	93.0	93.0	93.0	93.0	93.0	93.0	93.0	93.0	93.0	93.0
≥ 5000	95.6	95.6	95.9	95.9	95.9	95.9	95.9	95.9	95.9	95.9	95.9	95.9	95.9	95.9	95.9	95.9
≥ 4500	95.9	96.3	96.4	96.4	96.4	96.4	96.4	96.4	96.4	96.4	96.4	96.4	96.4	96.4	96.4	96.4
≥ 4000	97.6	98.0	98.1	98.1	98.1	98.1	98.1	98.1	98.1	98.1	98.1	98.1	98.1	98.1	98.1	98.1
≥ 3500	97.6	98.0	98.1	98.1	98.1	98.1	98.1	98.1	98.1	98.1	98.1	98.1	98.1	98.1	98.1	98.1
≥ 3000	97.6	98.0	98.1	98.1	98.1	98.1	98.1	98.1	98.1	98.1	98.1	98.1	98.1	98.1	98.1	98.1
≥ 2500	97.9	98.3	98.4	98.4	98.4	98.4	98.4	98.4	98.4	98.4	98.4	98.4	98.4	98.4	98.4	98.4
≥ 2000	98.5	99.0	99.1	99.1	99.1	99.1	99.1	99.1	99.1	99.1	99.1	99.1	99.1	99.1	99.1	99.1
≥ 1800	98.5	99.0	99.1	99.1	99.1	99.1	99.1	99.1	99.1	99.1	99.1	99.1	99.1	99.1	99.1	99.1
≥ 1500	98.5	99.0	99.1	99.1	99.1	99.1	99.1	99.1	99.1	99.1	99.1	99.1	99.1	99.1	99.1	99.1
≥ 1200	98.6	99.1	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3
≥ 1000	98.6	99.1	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3
≥ 900	98.6	99.1	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3
≥ 800	98.6	99.1	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3
≥ 700	98.6	99.1	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3
≥ 600	98.6	99.1	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3
≥ 500	99.0	99.5	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 400	99.0	99.5	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 300	99.0	99.5	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 200	99.0	99.5	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 100	99.0	99.5	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 0	99.0	99.5	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0

TOTAL NUMBER OF OBSERVATIONS 804

USAFETAC FORM JUL 64 0-14-5 (OL 1) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

2

DATA PROCESSING DIVISION
USAF ETAC
AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

94010
STATIONGLASGOW MONTANA AFB
STATION NAME59-67
YEARSAUG
MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

0000-0200
HOURS (LST)

CEILING (FEET)	VISIBILITY (STATUTE MILES)															
	≥ 10	≥ 6	≥ 5	≥ 4	≥ 3	≥ 2½	≥ 2	≥ 1½	≥ 1¼	≥ 1	≥ ¾	≥ ½	≥ ¼	≥ 1/16	≥ 1/8	≥ 0
NO CEILING	77.2	77.9	77.9	77.9	77.9	77.9	77.9	77.9	77.9	77.9	77.9	77.9	77.9	77.9	77.9	77.9
≥ 20000	81.6	82.3	82.3	82.3	82.3	82.3	82.3	82.3	82.3	82.3	82.3	82.3	82.3	82.3	82.3	82.3
≥ 18000	81.6	82.3	82.3	82.3	82.3	82.3	82.3	82.3	82.3	82.3	82.3	82.3	82.3	82.3	82.3	82.3
≥ 16000	81.6	82.3	82.3	82.3	82.3	82.3	82.3	82.3	82.3	82.3	82.3	82.3	82.3	82.3	82.3	82.3
≥ 14000	81.6	82.3	82.3	82.3	82.3	82.3	82.3	82.3	82.3	82.3	82.3	82.3	82.3	82.3	82.3	82.3
≥ 12000	82.4	83.2	83.2	83.2	83.2	83.2	83.2	83.2	83.2	83.2	83.2	83.2	83.2	83.2	83.2	83.2
≥ 10000	85.1	85.8	85.8	85.8	85.8	85.8	85.8	85.8	85.8	85.8	85.8	85.8	85.8	85.8	85.8	85.8
≥ 9000	85.9	86.6	86.6	86.6	86.6	86.6	86.6	86.6	86.6	86.6	86.6	86.6	86.6	86.6	86.6	86.6
≥ 8000	88.2	89.0	89.0	89.0	89.0	89.0	89.0	89.0	89.0	89.0	89.0	89.0	89.0	89.0	89.0	89.0
≥ 7000	89.1	90.0	90.0	90.0	90.0	90.0	90.0	90.0	90.0	90.0	90.0	90.0	90.0	90.0	90.0	90.0
≥ 6000	91.2	92.0	92.0	92.0	92.0	92.0	92.0	92.0	92.0	92.0	92.0	92.0	92.0	92.0	92.0	92.0
≥ 5000	92.7	94.7	94.7	94.7	94.7	94.7	94.7	94.9	94.9	94.9	94.9	94.9	94.9	94.9	94.9	94.9
≥ 4500	94.3	95.3	95.3	95.3	95.3	95.3	95.3	95.5	95.5	95.5	95.5	95.5	95.5	95.5	95.5	95.5
≥ 4000	95.1	96.3	96.3	96.3	96.3	96.3	96.3	96.4	96.4	96.4	96.4	96.4	96.4	96.4	96.4	96.4
≥ 3500	95.3	96.5	96.5	96.5	96.5	96.5	96.5	96.7	96.7	96.7	96.7	96.7	96.7	96.7	96.7	96.7
≥ 3000	95.7	96.9	96.9	96.9	96.9	96.9	96.9	97.0	97.0	97.0	97.0	97.0	97.0	97.0	97.0	97.0
≥ 2500	96.2	97.4	97.4	97.4	97.4	97.4	97.4	97.5	97.5	97.5	97.5	97.5	97.5	97.5	97.5	97.5
≥ 2000	96.5	97.7	97.7	97.7	97.7	97.7	97.7	97.8	97.8	97.8	97.8	97.8	97.8	97.8	97.8	97.8
≥ 1800	96.5	97.7	97.7	97.7	97.7	97.7	97.7	97.8	97.8	97.8	97.8	97.8	97.8	97.8	97.8	97.8
≥ 1500	96.7	97.8	98.0	98.0	98.0	98.0	98.0	98.1	98.1	98.1	98.1	98.1	98.1	98.1	98.1	98.1
≥ 1200	97.0	98.2	98.3	98.3	98.3	98.3	98.3	98.4	98.4	98.4	98.4	98.4	98.4	98.4	98.4	98.4
≥ 1000	97.1	98.3	98.4	98.4	98.4	98.4	98.4	98.6	98.6	98.6	98.6	98.6	98.6	98.6	98.6	98.6
≥ 900	97.5	98.7	98.8	98.8	98.8	98.8	98.8	98.9	98.9	98.9	98.9	98.9	98.9	98.9	98.9	98.9
≥ 800	97.7	99.2	99.3	99.3	99.3	99.3	99.3	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4
≥ 700	97.8	99.4	99.5	99.5	99.5	99.5	99.5	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6
≥ 600	97.8	99.4	99.5	99.5	99.5	99.5	99.5	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6
≥ 500	97.8	99.4	99.5	99.5	99.5	99.5	99.5	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6
≥ 400	97.8	99.4	99.5	99.5	99.5	99.5	99.5	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6
≥ 300	97.8	99.4	99.5	99.5	99.5	99.5	99.5	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6
≥ 200	97.8	99.4	99.5	99.5	99.5	99.5	99.5	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6
≥ 100	97.8	99.4	99.5	99.5	99.5	99.5	99.5	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6
≥ 0	97.8	99.4	99.5	99.5	99.5	99.5	99.5	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6

TOTAL NUMBER OF OBSERVATIONS 837

USAFETAC FORM 0-14-5 (OL 1) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

2
DATA PROCESSING DIVISION
USAF ETAC
AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

94010
STATION

GLASGOW MONTANA AFB
STATION NAME

59-67
YEARS

AUG
MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

0300-0500
HOURS, LST

CEILING (FEET)	VISIBILITY (STATUTE MILES)															
	≥10	≥6	≥5	≥4	≥3	≥2½	≥2	≥1½	≥1¼	≥1	¾	¾	¾	≥5/16	¾	≥0
NO CEILING	76.3	77.1	77.2	77.2	77.2	77.2	77.2	77.2	77.2	77.2	77.2	77.2	77.2	77.2	77.2	77.2
≥ 20000	80.4	81.2	81.4	81.4	81.4	81.4	81.4	81.4	81.4	81.4	81.4	81.4	81.4	81.4	81.4	81.4
≥ 18000	80.4	81.2	81.4	81.4	81.4	81.4	81.4	81.4	81.4	81.4	81.4	81.4	81.4	81.4	81.4	81.4
≥ 16000	80.4	81.2	81.4	81.4	81.4	81.4	81.4	81.4	81.4	81.4	81.4	81.4	81.4	81.4	81.4	81.4
≥ 14000	80.4	81.2	81.4	81.4	81.4	81.4	81.4	81.4	81.4	81.4	81.4	81.4	81.4	81.4	81.4	81.4
≥ 12000	82.1	82.9	83.0	83.0	83.0	83.0	83.0	83.0	83.0	83.0	83.0	83.0	83.0	83.0	83.0	83.0
≥ 10000	84.7	85.9	85.7	85.7	85.7	85.7	85.7	85.7	85.7	85.7	85.7	85.7	85.7	85.7	85.7	85.7
≥ 9000	83.8	86.6	86.7	86.7	86.7	86.7	86.7	86.7	86.7	86.7	86.7	86.7	86.7	86.7	86.7	86.7
≥ 8000	87.2	88.1	88.2	88.2	88.2	88.2	88.2	88.2	88.2	88.2	88.2	88.2	88.2	88.2	88.2	88.2
≥ 7000	88.9	89.7	89.8	89.8	89.8	89.8	89.8	89.8	89.8	89.8	89.8	89.8	89.8	89.8	89.8	89.8
≥ 6000	91.8	92.6	92.7	92.7	92.7	92.7	92.7	92.7	92.7	92.7	92.7	92.7	92.7	92.7	92.7	92.7
≥ 5000	93.0	93.8	94.0	94.0	94.0	94.0	94.0	94.0	94.0	94.0	94.0	94.0	94.0	94.0	94.0	94.0
≥ 4500	93.0	93.8	94.0	94.0	94.0	94.0	94.0	94.0	94.0	94.0	94.0	94.0	94.0	94.0	94.0	94.0
≥ 4000	94.0	95.0	95.2	95.2	95.2	95.2	95.2	95.2	95.2	95.2	95.2	95.2	95.2	95.2	95.2	95.2
≥ 3500	94.6	95.6	95.8	95.8	95.8	95.8	95.8	95.8	95.8	95.8	95.8	95.8	95.8	95.8	95.8	95.8
≥ 3000	94.9	95.8	96.1	96.1	96.1	96.1	96.1	96.1	96.1	96.1	96.1	96.1	96.1	96.1	96.1	96.1
≥ 2500	95.5	96.4	96.7	96.7	96.7	96.7	96.7	96.7	96.7	96.7	96.7	96.7	96.7	96.7	96.7	96.7
≥ 2000	95.6	96.5	96.8	96.8	96.8	96.8	96.8	96.8	96.8	96.8	96.8	96.8	96.8	96.8	96.8	96.8
≥ 1800	95.7	96.7	96.9	96.9	96.9	96.9	96.9	96.9	96.9	96.9	96.9	96.9	96.9	96.9	96.9	96.9
≥ 1500	96.5	97.6	97.8	97.8	97.8	97.8	97.8	97.8	97.8	97.8	97.8	97.8	97.8	97.8	97.8	97.8
≥ 1200	96.8	97.8	98.1	98.1	98.1	98.1	98.1	98.1	98.1	98.1	98.1	98.1	98.1	98.1	98.1	98.1
≥ 1000	97.1	98.2	98.4	98.4	98.4	98.4	98.4	98.4	98.4	98.4	98.4	98.4	98.4	98.4	98.4	98.4
≥ 900	97.5	98.7	98.9	98.9	98.9	98.9	98.9	98.9	98.9	98.9	98.9	98.9	98.9	98.9	98.9	98.9
≥ 800	97.5	98.7	98.9	98.9	98.9	98.9	98.9	98.9	98.9	98.9	98.9	98.9	98.9	98.9	98.9	98.9
≥ 700	97.5	98.8	99.0	99.0	99.0	99.0	99.0	99.0	99.0	99.0	99.0	99.0	99.0	99.0	99.0	99.0
≥ 600	97.5	98.8	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2
≥ 500	97.5	98.8	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2
≥ 400	97.5	98.8	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2
≥ 300	97.5	98.8	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2
≥ 200	97.5	98.8	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2
≥ 100	97.5	98.8	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2
≥ 0	97.5	98.8	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2

TOTAL NUMBER OF OBSERVATIONS 837

USAFETAC

FORM
AR 64

0-14-5 (OL 1) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

2
DATA PROCESSING DIVISION
USAF ETAC
AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

96010 STATION GLASGOW MONTANA AFB STATION NAME

59-67 YEARS

AUG MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

0600-0800 HOURS

CEILING (FEET)	VISIBILITY (STATUTE MILES)															
	≥ 10	≥ 6	≥ 5	≥ 4	≥ 3	≥ 2.5	≥ 2	≥ 1.5	≥ 1.0	≥ .5	≥ .3	≥ .25	≥ .2	≥ .15	≥ .1	≥ 0
NO CEILING	68.7	69.7	69.8	69.8	69.8	69.8	69.8	69.8	69.8	69.8	69.8	69.8	69.8	69.8	69.8	69.8
≥ 20000	74.2	75.5	75.6	75.6	75.6	75.6	75.6	75.6	75.6	75.6	75.6	75.6	75.6	75.6	75.6	75.6
≥ 18000	74.2	75.5	75.6	75.6	75.6	75.6	75.6	75.6	75.6	75.6	75.6	75.6	75.6	75.6	75.6	75.6
≥ 16000	74.2	75.5	75.6	75.6	75.6	75.6	75.6	75.6	75.6	75.6	75.6	75.6	75.6	75.6	75.6	75.6
≥ 14000	74.2	75.5	75.6	75.6	75.6	75.6	75.6	75.6	75.6	75.6	75.6	75.6	75.6	75.6	75.6	75.6
≥ 12000	76.0	77.3	77.4	77.4	77.4	77.4	77.4	77.4	77.4	77.4	77.4	77.4	77.4	77.4	77.4	77.4
≥ 10000	80.8	82.1	82.2	82.2	82.2	82.2	82.2	82.2	82.2	82.2	82.2	82.2	82.2	82.2	82.2	82.2
≥ 9000	81.7	83.0	83.2	83.2	83.2	83.2	83.2	83.2	83.2	83.2	83.2	83.2	83.2	83.2	83.2	83.2
≥ 8000	86.3	87.7	87.8	87.8	87.8	87.8	87.8	87.8	87.8	87.8	87.8	87.8	87.8	87.8	87.8	87.8
≥ 7000	87.8	89.0	89.1	89.1	89.1	89.1	89.1	89.1	89.1	89.1	89.1	89.1	89.1	89.1	89.1	89.1
≥ 6000	90.4	92.0	92.1	92.1	92.1	92.1	92.1	92.1	92.1	92.1	92.1	92.1	92.1	92.1	92.1	92.1
≥ 5000	91.2	92.7	92.8	92.8	92.8	92.8	92.8	92.8	92.8	92.8	92.8	92.8	92.8	92.8	92.8	92.8
≥ 4500	91.3	92.8	93.0	93.0	93.0	93.0	93.0	93.0	93.0	93.0	93.0	93.0	93.0	93.0	93.0	93.0
≥ 4000	92.1	93.8	93.9	93.9	93.9	93.9	93.9	93.9	93.9	93.9	93.9	93.9	93.9	93.9	93.9	93.9
≥ 3500	92.4	94.0	94.1	94.1	94.1	94.1	94.1	94.1	94.1	94.1	94.1	94.1	94.1	94.1	94.1	94.1
≥ 3000	92.6	94.3	94.4	94.4	94.4	94.4	94.4	94.4	94.4	94.4	94.4	94.4	94.4	94.4	94.4	94.4
≥ 2500	93.1	94.9	95.0	95.0	95.0	95.0	95.0	95.0	95.0	95.0	95.0	95.0	95.0	95.0	95.0	95.0
≥ 2000	93.4	95.2	95.3	95.3	95.3	95.3	95.3	95.3	95.3	95.3	95.3	95.3	95.3	95.3	95.3	95.3
≥ 1800	93.7	95.5	95.6	95.6	95.6	95.6	95.6	95.6	95.6	95.6	95.6	95.6	95.6	95.6	95.6	95.6
≥ 1500	94.8	96.4	96.5	96.5	96.5	96.5	96.5	96.5	96.5	96.5	96.5	96.5	96.5	96.5	96.5	96.5
≥ 1200	94.9	96.7	96.8	96.8	96.8	96.8	96.8	96.8	96.8	96.8	96.8	96.8	96.8	96.8	96.8	96.8
≥ 1000	95.1	97.3	97.4	97.4	97.4	97.4	97.4	97.4	97.4	97.4	97.4	97.4	97.4	97.4	97.4	97.4
≥ 900	95.7	98.1	98.2	98.2	98.2	98.2	98.2	98.2	98.2	98.2	98.2	98.2	98.2	98.2	98.2	98.2
≥ 800	95.9	98.3	98.4	98.4	98.4	98.4	98.4	98.4	98.4	98.4	98.4	98.4	98.4	98.4	98.4	98.4
≥ 700	95.9	98.3	98.4	98.4	98.4	98.4	98.4	98.4	98.4	98.4	98.4	98.4	98.4	98.4	98.4	98.4
≥ 600	96.2	98.6	98.7	98.7	98.7	98.7	98.7	98.7	98.7	98.7	98.7	98.7	98.7	98.7	98.7	98.7
≥ 500	96.7	99.0	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2
≥ 400	96.8	99.3	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4
≥ 300	96.8	99.3	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4
≥ 200	96.8	99.3	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4
≥ 100	96.8	99.3	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4
≥ 0	96.8	99.3	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4

TOTAL NUMBER OF OBSERVATIONS 817

2

DATA PROCESSING DIVISION
USAF ETAC
AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

94010 STATION GLASGOW MONTANA AFB

59-67

YEARS

AUG

MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

0900-1100
HOURS LST

CEILING (FEET)	VISIBILITY (STATUTE MILES)															
	≥ 10	≥ 6	≥ 5	≥ 4	≥ 3	≥ 2½	≥ 2	≥ 1½	≥ 1¼	≥ 1	≥ ¾	≥ ½	≥ ¼	≥ 5/16	≥ ¼	≥ 0
NO CEILING	68.2	68.3	68.9	68.9	68.9	68.9	68.9	68.9	68.9	68.9	68.9	68.9	68.9	68.9	68.9	68.9
≥ 20000	76.0	76.1	76.7	76.7	76.7	76.7	76.7	76.7	76.7	76.7	76.7	76.7	76.7	76.7	76.7	76.7
≥ 18000	76.0	76.1	76.7	76.7	76.7	76.7	76.7	76.7	76.7	76.7	76.7	76.7	76.7	76.7	76.7	76.7
≥ 16000	76.0	76.1	76.7	76.7	76.7	76.7	76.7	76.7	76.7	76.7	76.7	76.7	76.7	76.7	76.7	76.7
≥ 14000	76.0	76.1	76.7	76.7	76.7	76.7	76.7	76.7	76.7	76.7	76.7	76.7	76.7	76.7	76.7	76.7
≥ 12000	78.7	78.9	79.5	79.5	79.5	79.5	79.5	79.5	79.5	79.5	79.5	79.5	79.5	79.5	79.5	79.5
≥ 10000	81.1	81.2	81.8	81.8	81.8	81.8	81.8	81.8	81.8	81.8	81.8	81.8	81.8	81.8	81.8	81.8
≥ 9000	82.3	82.4	83.0	83.0	83.0	83.0	83.0	83.0	83.0	83.0	83.0	83.0	83.0	83.0	83.0	83.0
≥ 8000	84.5	84.8	85.4	85.4	85.4	85.4	85.4	85.4	85.4	85.4	85.4	85.4	85.4	85.4	85.4	85.4
≥ 7000	86.4	87.0	87.6	87.6	87.6	87.6	87.6	87.6	87.6	87.6	87.6	87.6	87.6	87.6	87.6	87.6
≥ 6000	89.1	89.8	90.6	90.6	90.6	90.6	90.6	90.6	90.6	90.6	90.6	90.6	90.6	90.6	90.6	90.6
≥ 5000	90.6	91.4	92.1	92.1	92.1	92.1	92.1	92.1	92.1	92.1	92.1	92.1	92.1	92.1	92.1	92.1
≥ 4500	90.8	91.6	92.4	92.4	92.4	92.4	92.4	92.4	92.4	92.4	92.4	92.4	92.4	92.4	92.4	92.4
≥ 4000	91.9	92.7	93.4	93.4	93.4	93.4	93.4	93.4	93.4	93.4	93.4	93.4	93.4	93.4	93.4	93.4
≥ 3500	92.6	93.4	94.1	94.1	94.1	94.1	94.1	94.1	94.1	94.1	94.1	94.1	94.1	94.1	94.1	94.1
≥ 3000	93.4	94.3	95.0	95.0	95.0	95.0	95.0	95.0	95.0	95.0	95.0	95.0	95.0	95.0	95.0	95.0
≥ 2500	93.8	94.6	95.3	95.3	95.3	95.3	95.3	95.3	95.3	95.3	95.3	95.3	95.3	95.3	95.3	95.3
≥ 2000	94.6	95.7	96.4	96.4	96.4	96.4	96.4	96.4	96.4	96.4	96.4	96.4	96.4	96.4	96.4	96.4
≥ 1800	94.9	95.9	96.7	96.7	96.7	96.7	96.7	96.7	96.7	96.7	96.7	96.7	96.7	96.7	96.7	96.7
≥ 1500	95.8	96.9	97.6	97.6	97.6	97.6	97.6	97.6	97.6	97.6	97.6	97.6	97.6	97.6	97.6	97.6
≥ 1200	96.3	97.5	98.2	98.2	98.2	98.2	98.2	98.2	98.2	98.2	98.2	98.2	98.2	98.2	98.2	98.2
≥ 1000	96.9	98.1	98.8	98.8	98.8	98.8	98.8	98.8	98.8	98.8	98.8	98.8	98.8	98.8	98.8	98.8
≥ 900	97.1	98.3	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2
≥ 800	97.3	98.4	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3
≥ 700	97.3	98.4	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3
≥ 600	97.5	98.7	99.5	99.5	99.5	99.5	99.5	99.5	99.5	99.5	99.5	99.5	99.5	99.5	99.5	99.5
≥ 500	97.5	98.7	99.5	99.5	99.5	99.5	99.5	99.5	99.5	99.5	99.5	99.5	99.5	99.5	99.5	99.5
≥ 400	97.6	98.9	99.9	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 300	97.6	98.9	99.9	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 200	97.6	98.9	99.9	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 100	97.6	98.9	99.9	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 0	97.6	98.9	99.9	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0

TOTAL NUMBER OF OBSERVATIONS 837

USAFETAC FORM 0-14-5 (OL 1) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

DATA PROCESSING DIVISION
USAF ETAC
AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

94010
STATION

GLASGOW MONTANA AFB
STATION NAME

59-67
YEARS

AUG
MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

1200-1400
HOURS LST

CEILING (FEET)	VISIBILITY (STATUTE MILES)															
	≥10	≥6	≥5	≥4	≥3	≥2½	≥2	≥1½	≥1¼	≥1	¾	¾	¾	≥5/16	¾	≥0
NO CEILING	60.9	61.2	61.6	61.6	61.6	61.6	61.6	61.6	61.6	61.6	61.6	61.6	61.6	61.6	61.6	61.6
≥ 20000	72.4	72.6	73.1	73.1	73.2	73.2	73.2	73.2	73.2	73.2	73.2	73.2	73.2	73.2	73.2	73.2
≥ 18000	72.4	72.6	73.1	73.1	73.2	73.2	73.2	73.2	73.2	73.2	73.2	73.2	73.2	73.2	73.2	73.2
≥ 16000	72.4	72.6	73.1	73.1	73.2	73.2	73.2	73.2	73.2	73.2	73.2	73.2	73.2	73.2	73.2	73.2
≥ 14000	72.6	72.9	73.4	73.4	73.5	73.5	73.5	73.5	73.5	73.5	73.5	73.5	73.5	73.5	73.5	73.5
≥ 12000	75.4	75.6	76.1	76.1	76.2	76.2	76.2	76.2	76.2	76.2	76.2	76.2	76.2	76.2	76.2	76.2
≥ 10000	79.0	79.2	79.7	79.7	79.8	79.8	79.8	79.8	79.8	79.8	79.8	79.8	79.8	79.8	79.8	79.8
≥ 9000	80.2	80.4	80.9	80.9	81.0	81.0	81.0	81.0	81.0	81.0	81.0	81.0	81.0	81.0	81.0	81.0
≥ 8000	83.0	83.3	83.8	83.8	83.9	83.9	83.9	83.9	83.9	83.9	83.9	83.9	83.9	83.9	83.9	83.9
≥ 7000	83.8	84.0	84.8	84.8	84.9	84.9	84.9	84.9	84.9	84.9	84.9	84.9	84.9	84.9	84.9	84.9
≥ 6000	86.5	86.7	87.6	87.6	87.7	87.7	87.7	87.7	87.7	87.7	87.7	87.7	87.7	87.7	87.7	87.7
≥ 5000	89.8	90.2	91.0	91.0	91.2	91.2	91.2	91.2	91.2	91.2	91.2	91.2	91.2	91.2	91.2	91.2
≥ 4500	90.3	90.7	91.3	91.3	91.6	91.6	91.6	91.6	91.6	91.6	91.6	91.6	91.6	91.6	91.6	91.6
≥ 4000	91.8	92.1	92.0	92.1	92.2	92.2	92.2	92.2	92.2	92.2	92.2	92.2	92.2	92.2	92.2	92.2
≥ 3500	92.1	92.3	93.3	93.3	93.3	93.3	93.3	93.3	93.3	93.3	93.3	93.3	93.3	93.3	93.3	93.3
≥ 3000	94.2	94.6	95.5	95.5	95.7	95.7	95.8	95.8	95.8	95.8	95.8	95.8	95.8	95.8	95.8	95.8
≥ 2500	95.2	95.6	96.4	96.5	96.7	96.7	96.8	96.8	96.8	96.8	96.8	96.8	96.8	96.8	96.8	96.8
≥ 2000	95.9	96.3	97.1	97.2	97.4	97.4	97.5	97.5	97.5	97.5	97.5	97.5	97.5	97.5	97.5	97.5
≥ 1800	96.1	96.5	97.4	97.5	97.6	97.6	97.7	97.7	97.7	97.7	97.7	97.7	97.7	97.7	97.7	97.7
≥ 1500	96.8	97.4	98.2	98.4	98.6	98.6	98.7	98.7	98.7	98.7	98.7	98.7	98.7	98.7	98.7	98.7
≥ 1200	97.3	98.0	98.8	99.0	99.2	99.2	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3
≥ 1000	97.4	98.1	98.9	99.2	99.3	99.3	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4
≥ 900	97.4	98.1	98.9	99.2	99.3	99.3	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4
≥ 800	97.4	98.2	99.0	99.3	99.4	99.4	99.5	99.5	99.5	99.5	99.5	99.5	99.5	99.5	99.5	99.5
≥ 700	97.4	98.3	99.2	99.4	99.6	99.6	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8
≥ 600	97.4	98.2	99.2	99.4	99.6	99.6	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8
≥ 500	97.4	98.3	99.2	99.4	99.8	99.8	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9
≥ 400	97.4	98.4	99.3	99.5	99.9	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 300	97.4	98.4	99.3	99.5	99.9	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 200	97.4	98.4	99.3	99.5	99.9	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 100	97.4	98.4	99.3	99.5	99.9	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 0	97.4	98.4	99.3	99.5	99.9	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0

TOTAL NUMBER OF OBSERVATIONS 837

USAFETAC

FORM
AR 64

0-14-5 (OL 1) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

2
DATA PROCESSING DIVISION
USAF ETAC
AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

94010
STATION

GLASGOW MONTANA AFB
STATION NAME

59-67
YEARS

AUG
MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

1500-1700
HOURS

CEILING (FEET)	VISIBILITY (STATUTE MILES)															
	≥10	≥6	≥5	≥4	≥3	≥2½	≥2	≥1½	≥1¼	≥1	≥¾	≥½	≥¼	≥1/16	≥1/32	≥0
NO CEILING	65.4	65.8	65.8	65.8	65.8	65.8	65.8	65.8	65.8	65.8	65.8	65.8	65.8	65.8	65.8	65.8
≥ 20000	77.1	77.7	77.7	77.8	77.9	77.9	77.9	77.9	77.9	77.9	77.9	77.9	77.9	77.9	77.9	77.9
≥ 18000	77.1	77.7	77.7	77.8	77.9	77.9	77.9	77.9	77.9	77.9	77.9	77.9	77.9	77.9	77.9	77.9
≥ 16000	77.2	77.8	77.8	77.9	78.0	78.0	78.0	78.0	78.0	78.0	78.0	78.0	78.0	78.0	78.0	78.0
≥ 14000	77.7	78.3	78.3	78.4	78.5	78.5	78.5	78.5	78.5	78.5	78.5	78.5	78.5	78.5	78.5	78.5
≥ 12000	79.9	80.5	80.5	80.6	80.8	80.8	80.8	80.8	80.8	80.8	80.8	80.8	80.8	80.8	80.8	80.8
≥ 10000	83.3	83.9	83.9	84.0	84.1	84.1	84.1	84.1	84.1	84.1	84.1	84.1	84.1	84.1	84.1	84.1
≥ 9000	83.6	84.2	84.2	84.3	84.5	84.5	84.5	84.5	84.5	84.5	84.5	84.5	84.5	84.5	84.5	84.5
≥ 8000	86.0	86.6	86.6	86.7	86.9	86.9	86.9	86.9	86.9	86.9	86.9	86.9	86.9	86.9	86.9	86.9
≥ 7000	87.7	88.3	88.3	88.4	88.5	88.5	88.5	88.5	88.5	88.5	88.5	88.5	88.5	88.5	88.5	88.5
≥ 6000	88.5	89.1	89.1	89.2	89.4	89.4	89.4	89.4	89.4	89.4	89.4	89.4	89.4	89.4	89.4	89.4
≥ 5000	90.4	91.0	91.0	91.2	91.3	91.3	91.3	91.3	91.3	91.3	91.3	91.3	91.3	91.3	91.3	91.3
≥ 4500	91.5	92.2	92.2	92.4	92.5	92.5	92.5	92.5	92.5	92.5	92.5	92.5	92.5	92.5	92.5	92.5
≥ 4000	94.0	94.7	94.7	94.9	95.0	95.0	95.0	95.0	95.0	95.0	95.0	95.0	95.0	95.0	95.0	95.0
≥ 3500	94.5	95.2	95.2	95.3	95.5	95.5	95.5	95.5	95.5	95.5	95.5	95.5	95.5	95.5	95.5	95.5
≥ 3000	95.8	96.5	96.5	96.7	96.8	96.8	96.8	96.8	96.8	96.8	96.8	96.8	96.8	96.8	96.8	96.8
≥ 2500	97.1	97.8	97.8	98.0	98.1	98.1	98.1	98.1	98.1	98.1	98.1	98.1	98.1	98.1	98.1	98.1
≥ 2000	97.4	98.1	98.1	98.2	98.3	98.3	98.3	98.3	98.3	98.3	98.3	98.3	98.3	98.3	98.3	98.3
≥ 1800	97.8	98.6	98.6	98.7	98.8	98.8	98.8	98.8	98.8	98.8	98.8	98.8	98.8	98.8	98.8	98.8
≥ 1500	98.3	99.0	99.0	99.2	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3
≥ 1200	98.4	99.2	99.2	99.3	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4
≥ 1000	98.6	99.3	99.3	99.4	99.5	99.5	99.5	99.5	99.5	99.5	99.5	99.5	99.5	99.5	99.5	99.5
≥ 900	98.7	99.4	99.4	99.5	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6
≥ 800	98.7	99.4	99.4	99.5	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6
≥ 700	98.7	99.4	99.4	99.5	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6
≥ 600	98.7	99.4	99.4	99.5	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6
≥ 500	98.7	99.4	99.4	99.5	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6
≥ 400	98.7	99.4	99.4	99.5	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6
≥ 300	98.7	99.4	99.4	99.5	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6
≥ 200	98.7	99.4	99.4	99.5	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6
≥ 100	98.7	99.4	99.4	99.5	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6
≥ 0	98.7	99.4	99.4	99.5	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6

TOTAL NUMBER OF OBSERVATIONS 837

DATA PROCESSING DIVISION
USAF ETAC
AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

94010 STATION GLASGOW MONTANA AFB

59-67 YEARS

AUG MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

1800-2000 HOURS CST

CEILING (FEET)	VISIBILITY (STATUTE MILES)															
	≥ 10	≥ 6	≥ 5	≥ 4	≥ 3	≥ 2½	≥ 2	≥ 1½	≥ 1¼	≥ 1	≥ ¾	≥ ½	≥ ¼	≥ 5/16	≥ ¼	≥ 0
NO CEILING	68.3	68.7	68.7	68.7	68.7	68.7	68.7	68.7	68.7	68.7	68.7	68.7	68.7	68.7	68.7	68.7
≥ 20000	80.5	81.0	81.0	81.0	81.0	81.0	81.0	81.0	81.0	81.0	81.0	81.0	81.0	81.0	81.0	81.0
≥ 18000	80.5	81.0	81.0	81.0	81.0	81.0	81.0	81.0	81.0	81.0	81.0	81.0	81.0	81.0	81.0	81.0
≥ 16000	80.5	81.0	81.0	81.0	81.0	81.0	81.0	81.0	81.0	81.0	81.0	81.0	81.0	81.0	81.0	81.0
≥ 14000	80.9	81.4	81.4	81.4	81.4	81.4	81.4	81.4	81.4	81.4	81.4	81.4	81.4	81.4	81.4	81.4
≥ 12000	82.6	83.0	83.0	83.0	83.0	83.0	83.0	83.0	83.0	83.0	83.0	83.0	83.0	83.0	83.0	83.0
≥ 10000	86.1	86.6	86.6	86.6	86.6	86.6	86.6	86.6	86.6	86.6	86.6	86.6	86.6	86.6	86.6	86.6
≥ 9000	86.9	87.3	87.3	87.3	87.3	87.3	87.3	87.3	87.3	87.3	87.3	87.3	87.3	87.3	87.3	87.3
≥ 8000	88.9	89.5	89.5	89.5	89.5	89.5	89.5	89.5	89.5	89.5	89.5	89.5	89.5	89.5	89.5	89.5
≥ 7000	89.7	90.3	90.3	90.3	90.3	90.3	90.3	90.3	90.3	90.3	90.3	90.3	90.3	90.3	90.3	90.3
≥ 6000	91.4	92.1	92.1	92.1	92.1	92.1	92.1	92.1	92.1	92.1	92.1	92.1	92.1	92.1	92.1	92.1
≥ 5000	93.8	94.7	94.7	94.7	94.9	94.9	94.9	94.9	94.9	94.9	94.9	94.9	94.9	94.9	94.9	94.9
≥ 4500	95.0	95.9	95.9	95.9	96.1	96.1	96.1	96.1	96.1	96.1	96.1	96.1	96.1	96.1	96.1	96.1
≥ 4000	95.7	96.8	96.9	96.9	97.0	97.0	97.0	97.0	97.0	97.0	97.0	97.0	97.0	97.0	97.0	97.0
≥ 3500	96.2	97.3	97.4	97.4	97.5	97.5	97.5	97.5	97.5	97.5	97.5	97.5	97.5	97.5	97.5	97.5
≥ 3000	96.8	98.1	98.2	98.2	98.3	98.3	98.3	98.3	98.3	98.3	98.3	98.3	98.3	98.3	98.3	98.3
≥ 2500	96.8	98.1	98.2	98.2	98.3	98.3	98.3	98.3	98.3	98.3	98.3	98.3	98.3	98.3	98.3	98.3
≥ 2000	97.0	98.3	98.4	98.4	98.6	98.6	98.6	98.6	98.6	98.6	98.6	98.6	98.6	98.6	98.6	98.6
≥ 1800	97.1	98.4	98.6	98.6	98.7	98.7	98.7	98.7	98.7	98.7	98.7	98.7	98.7	98.7	98.7	98.7
≥ 1500	97.5	98.8	98.9	98.9	99.0	99.0	99.0	99.0	99.0	99.0	99.0	99.0	99.0	99.0	99.0	99.0
≥ 1200	97.5	98.8	98.9	98.9	99.0	99.0	99.0	99.0	99.0	99.0	99.0	99.0	99.0	99.0	99.0	99.0
≥ 1000	98.0	99.3	99.5	99.5	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6
≥ 900	98.0	99.3	99.5	99.5	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6
≥ 800	98.1	99.5	99.8	99.8	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9
≥ 700	98.1	99.5	99.8	99.8	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9
≥ 600	98.2	99.6	99.9	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 500	98.2	99.6	99.9	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 400	98.2	99.6	99.9	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 300	98.2	99.6	99.9	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 200	98.2	99.6	99.9	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 100	98.2	99.6	99.9	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 0	98.2	99.6	99.9	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0

TOTAL NUMBER OF OBSERVATIONS 837

USAFETAC

FORM
AA 64

0-14-5 (OL 1) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

2

DATA PROCESSING DIVISION
USAF ETAC
AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

94010

GLASGOW MONTANA AFB

59-67

AUG

STATION

STATION NAME

YEARS

MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

2100-2300

HOURS : 57

CEILING (FEET)	VISIBILITY (STATUTE MILES)															
	≥ 10	≥ 6	≥ 5	≥ 4	≥ 3	≥ 2½	≥ 2	≥ 1½	≥ 1¼	≥ 1	≥ ¾	≥ ½	≥ ¼	≥ 5/16	≥ ¼	≥ 0
NO CEILING	74.6	74.9	74.9	74.9	74.9	74.9	74.9	74.9	74.9	74.9	74.9	74.9	74.9	74.9	74.9	74.9
≥ 20000	82.2	82.6	82.6	82.6	82.6	82.6	82.6	82.6	82.6	82.6	82.6	82.6	82.6	82.6	82.6	82.6
≥ 18000	82.6	82.9	82.9	82.9	82.9	82.9	82.9	82.9	82.9	82.9	82.9	82.9	82.9	82.9	82.9	82.9
≥ 16000	82.6	82.9	82.9	82.9	82.9	82.9	82.9	82.9	82.9	82.9	82.9	82.9	82.9	82.9	82.9	82.9
≥ 14000	82.7	83.0	83.0	83.0	83.0	83.0	83.0	83.0	83.0	83.0	83.0	83.0	83.0	83.0	83.0	83.0
≥ 12000	83.6	84.0	84.0	84.0	84.0	84.0	84.0	84.0	84.0	84.0	84.0	84.0	84.0	84.0	84.0	84.0
≥ 10000	85.9	86.3	86.3	86.3	86.3	86.3	86.3	86.3	86.3	86.3	86.3	86.3	86.3	86.3	86.3	86.3
≥ 9000	86.7	87.1	87.1	87.1	87.1	87.1	87.1	87.1	87.1	87.1	87.1	87.1	87.1	87.1	87.1	87.1
≥ 8000	88.9	89.2	89.2	89.2	89.2	89.2	89.2	89.2	89.2	89.2	89.2	89.2	89.2	89.2	89.2	89.2
≥ 7000	89.2	89.6	89.6	89.6	89.6	89.6	89.6	89.6	89.6	89.6	89.6	89.6	89.6	89.6	89.6	89.6
≥ 6000	91.8	92.1	92.1	92.1	92.1	92.1	92.1	92.1	92.1	92.1	92.1	92.1	92.1	92.1	92.1	92.1
≥ 5000	94.6	95.0	95.0	95.0	95.0	95.0	95.0	95.0	95.0	95.0	95.0	95.0	95.0	95.0	95.0	95.0
≥ 4500	95.3	95.8	95.9	95.9	95.9	95.9	95.9	95.9	95.9	95.9	95.9	95.9	95.9	95.9	95.9	95.9
≥ 4000	96.1	96.5	96.7	96.7	96.7	96.7	96.7	96.7	96.7	96.7	96.7	96.7	96.7	96.7	96.7	96.7
≥ 3500	96.1	96.5	96.7	96.7	96.7	96.7	96.7	96.7	96.7	96.7	96.7	96.7	96.7	96.7	96.7	96.7
≥ 3000	96.8	97.3	97.4	97.4	97.4	97.4	97.4	97.4	97.4	97.4	97.4	97.4	97.4	97.4	97.4	97.4
≥ 2500	97.1	97.6	97.7	97.7	97.7	97.7	97.7	97.7	97.7	97.7	97.7	97.7	97.7	97.7	97.7	97.7
≥ 2000	97.6	98.2	98.3	98.3	98.3	98.3	98.3	98.3	98.3	98.3	98.3	98.3	98.3	98.3	98.3	98.3
≥ 1800	97.6	98.2	98.3	98.3	98.3	98.3	98.3	98.3	98.3	98.3	98.3	98.3	98.3	98.3	98.3	98.3
≥ 1500	97.8	98.4	98.6	98.6	98.6	98.6	98.6	98.6	98.6	98.6	98.6	98.6	98.6	98.6	98.6	98.6
≥ 1200	97.8	98.4	98.7	98.7	98.7	98.7	98.7	98.7	98.7	98.7	98.7	98.7	98.7	98.7	98.7	98.7
≥ 1000	98.2	98.8	99.0	99.0	99.0	99.0	99.0	99.0	99.0	99.0	99.0	99.0	99.0	99.0	99.0	99.0
≥ 900	98.2	98.8	99.0	99.0	99.0	99.0	99.0	99.0	99.0	99.0	99.0	99.0	99.0	99.0	99.0	99.0
≥ 800	98.6	99.2	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4
≥ 700	98.7	99.3	99.5	99.5	99.5	99.5	99.5	99.5	99.5	99.5	99.5	99.5	99.5	99.5	99.5	99.5
≥ 600	98.7	99.3	99.5	99.5	99.5	99.5	99.5	99.5	99.5	99.5	99.5	99.5	99.5	99.5	99.5	99.5
≥ 500	98.7	99.3	99.5	99.5	99.5	99.5	99.5	99.5	99.5	99.5	99.5	99.5	99.5	99.5	99.5	99.5
≥ 400	98.7	99.3	99.5	99.5	99.5	99.5	99.5	99.5	99.5	99.5	99.5	99.5	99.5	99.5	99.5	99.5
≥ 300	98.9	99.5	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8
≥ 200	98.9	99.5	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8
≥ 100	98.9	99.5	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8
≥ 0	98.9	99.5	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8

TOTAL NUMBER OF OBSERVATIONS 837

USAFETAC

FORM
A2, 64

0-14-5 (OL 1) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

DATA PROCESSING DIVISION
USAF ETAC
AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

94010
STATION

GLASGOW MONTANA AFB
STATION NAME

59-67
YEARS

SEP
MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

0000-0200
HOURS

CEILING (FEET)	VISIBILITY (STATUTE MILES)															
	≥ 10	≥ 6	≥ 5	≥ 4	≥ 3	≥ 2½	≥ 2	≥ 1½	≥ 1¼	≥ 1	≥ ¾	≥ ½	≥ ¼	≥ 1/8	≥ 1/16	≥ 0
NO CEILING	68.0	68.0	68.0	68.0	68.0	68.0	68.1	68.1	68.1	68.1	68.1	68.1	68.1	68.1	68.1	68.1
≥ 20000	71.5	71.5	71.5	71.5	71.5	71.5	71.6	71.6	71.6	71.6	71.6	71.6	71.6	71.6	71.6	71.6
≥ 18000	71.5	71.5	71.5	71.5	71.5	71.5	71.6	71.6	71.6	71.6	71.6	71.6	71.6	71.6	71.6	71.6
≥ 16000	71.5	71.5	71.5	71.5	71.5	71.5	71.6	71.6	71.6	71.6	71.6	71.6	71.6	71.6	71.6	71.6
≥ 14000	71.6	71.6	71.6	71.6	71.6	71.6	71.7	71.7	71.7	71.7	71.7	71.7	71.7	71.7	71.7	71.7
≥ 12000	74.6	74.6	74.6	74.6	74.6	74.6	74.7	74.7	74.7	74.7	74.7	74.7	74.7	74.7	74.7	74.7
≥ 10000	76.7	76.7	76.8	76.8	76.8	76.8	76.9	76.9	76.9	76.9	76.9	76.9	76.9	76.9	76.9	76.9
≥ 9000	77.4	77.4	77.5	77.5	77.5	77.5	77.7	77.7	77.7	77.7	77.7	77.7	77.7	77.7	77.7	77.7
≥ 8000	79.3	79.3	79.4	79.4	79.4	79.4	79.5	79.5	79.5	79.5	79.5	79.5	79.5	79.5	79.5	79.5
≥ 7000	81.4	81.4	81.5	81.5	81.5	81.5	81.6	81.6	81.6	81.6	81.6	81.6	81.6	81.6	81.6	81.6
≥ 6000	84.2	84.3	84.4	84.4	84.4	84.4	84.6	84.6	84.6	84.6	84.6	84.6	84.6	84.6	84.6	84.6
≥ 5000	87.3	87.8	87.9	87.9	87.9	87.9	88.0	88.0	88.0	88.0	88.0	88.0	88.0	88.0	88.0	88.0
≥ 4500	87.4	87.9	88.0	88.0	88.0	88.0	88.1	88.1	88.1	88.1	88.1	88.1	88.1	88.1	88.1	88.1
≥ 4000	89.6	90.1	90.2	90.2	90.2	90.2	90.4	90.4	90.4	90.4	90.4	90.4	90.4	90.4	90.4	90.4
≥ 3500	90.4	90.9	91.0	91.0	91.0	91.0	91.1	91.1	91.1	91.1	91.1	91.1	91.1	91.1	91.1	91.1
≥ 3000	90.6	91.1	91.2	91.2	91.2	91.2	91.4	91.4	91.4	91.4	91.4	91.4	91.4	91.4	91.4	91.4
≥ 2500	91.7	92.2	92.3	92.3	92.3	92.3	92.5	92.5	92.5	92.5	92.5	92.5	92.5	92.5	92.5	92.5
≥ 2000	93.3	93.8	94.0	94.0	94.0	94.0	94.1	94.1	94.1	94.1	94.1	94.1	94.1	94.1	94.1	94.1
≥ 1800	94.1	94.6	94.7	94.7	94.7	94.7	94.8	94.8	94.8	94.8	94.8	94.8	94.8	94.8	94.8	94.8
≥ 1500	94.4	95.2	95.4	95.4	95.4	95.4	95.6	95.6	95.6	95.6	95.6	95.6	95.6	95.6	95.6	95.6
≥ 1200	94.9	95.8	96.2	96.2	96.2	96.2	96.3	96.3	96.3	96.3	96.3	96.3	96.3	96.3	96.3	96.3
≥ 1000	95.6	96.4	97.0	97.0	97.0	97.0	97.2	97.2	97.2	97.2	97.2	97.2	97.2	97.2	97.2	97.2
≥ 900	95.8	96.7	97.3	97.3	97.3	97.3	97.4	97.4	97.4	97.4	97.4	97.4	97.4	97.4	97.4	97.4
≥ 800	96.2	97.0	97.7	97.7	97.7	97.7	97.8	97.8	97.8	97.8	97.8	97.8	97.8	97.8	97.8	97.8
≥ 700	96.4	97.3	97.9	97.9	97.9	97.9	98.0	98.0	98.0	98.0	98.0	98.0	98.0	98.0	98.0	98.0
≥ 600	96.8	97.7	98.3	98.3	98.3	98.3	98.5	98.5	98.5	98.5	98.5	98.5	98.5	98.5	98.5	98.5
≥ 500	96.9	97.8	98.4	98.4	98.4	98.4	98.6	98.6	98.6	98.6	98.6	98.6	98.6	98.6	98.6	98.6
≥ 400	96.9	97.8	98.4	98.4	98.4	98.4	98.6	98.6	98.6	98.6	98.6	98.6	98.6	98.6	98.6	98.6
≥ 300	97.2	98.0	98.6	98.6	98.6	98.6	98.9	98.9	98.9	98.9	98.9	98.9	98.9	98.9	98.9	98.9
≥ 200	97.2	98.0	98.6	98.6	98.6	98.6	98.9	98.9	98.9	98.9	98.9	98.9	98.9	98.9	98.9	98.9
≥ 100	97.2	98.0	98.6	98.6	98.6	98.6	98.9	98.9	98.9	98.9	98.9	98.9	98.9	98.9	98.9	98.9
≥ 0	97.2	98.0	98.6	98.6	98.6	98.6	98.9	98.9	98.9	98.9	98.9	98.9	98.9	98.9	98.9	98.9

TOTAL NUMBER OF OBSERVATIONS 810

2
DATA PROCESSING DIVISION
USAF ETAC
AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

94010 STATION GLASGOW MONTANA AFB

59-67

JEP

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

0300-0500

CEILING (FEET)	VISIBILITY - STATUTE MILES															
	≥10	≥6	≥5	≥4	≥3	≥2.5	≥2	≥1.5	≥1	≥0.5	≥0.25	≥0.1	≥0.05	≥0.025	≥0.01	≥0
NO CEILING	65.4	65.4	65.4	65.4	65.4	65.4	65.4	65.4	65.4	65.4	65.4	65.4	65.4	65.4	65.4	65.4
≥ 20000	72.0	72.0	72.0	72.0	72.0	72.0	72.0	72.0	72.0	72.0	72.0	72.0	72.0	72.0	72.0	72.0
≥ 18000	72.0	72.0	72.0	72.0	72.0	72.0	72.0	72.0	72.0	72.0	72.0	72.0	72.0	72.0	72.0	72.0
≥ 16000	72.0	72.0	72.0	72.0	72.0	72.0	72.0	72.0	72.0	72.0	72.0	72.0	72.0	72.0	72.0	72.0
≥ 14000	72.0	72.0	72.0	72.0	72.0	72.0	72.0	72.0	72.0	72.0	72.0	72.0	72.0	72.0	72.0	72.0
≥ 12000	74.2	74.3	74.3	74.3	74.3	74.3	74.3	74.3	74.3	74.3	74.3	74.3	74.3	74.3	74.3	74.3
≥ 10000	76.2	76.3	76.3	76.3	76.3	76.3	76.3	76.3	76.3	76.3	76.3	76.3	76.3	76.3	76.3	76.3
≥ 9000	76.7	76.8	76.8	76.8	76.8	76.8	76.8	76.8	76.8	76.8	76.8	76.8	76.8	76.8	76.8	76.8
≥ 8000	78.3	78.4	78.4	78.4	78.4	78.4	78.4	78.4	78.4	78.4	78.4	78.4	78.4	78.4	78.4	78.4
≥ 7000	80.3	80.7	80.7	80.7	80.7	80.7	80.7	80.7	80.7	80.7	80.7	80.7	80.7	80.7	80.7	80.7
≥ 6000	83.0	83.2	83.2	83.2	83.2	83.2	83.2	83.2	83.2	83.2	83.2	83.2	83.2	83.2	83.2	83.2
≥ 5000	86.2	86.5	86.5	86.5	86.5	86.5	86.5	86.5	86.5	86.5	86.5	86.5	86.5	86.5	86.5	86.5
≥ 4500	86.5	86.9	86.9	86.9	86.9	86.9	86.9	86.9	86.9	86.9	86.9	86.9	86.9	86.9	86.9	86.9
≥ 4000	88.0	88.5	88.5	88.5	88.5	88.5	88.5	88.5	88.5	88.5	88.5	88.5	88.5	88.5	88.5	88.5
≥ 3500	88.8	89.4	89.4	89.4	89.4	89.4	89.4	89.4	89.4	89.4	89.4	89.4	89.4	89.4	89.4	89.4
≥ 3000	89.1	89.9	89.9	89.9	89.9	89.9	89.9	89.9	89.9	89.9	89.9	89.9	89.9	89.9	89.9	89.9
≥ 2500	90.2	91.1	91.1	91.1	91.1	91.1	91.1	91.1	91.1	91.1	91.1	91.1	91.1	91.1	91.1	91.1
≥ 2000	92.8	93.7	93.7	93.8	93.8	93.8	94.0	94.0	94.0	94.0	94.0	94.0	94.0	94.0	94.0	94.0
≥ 1800	93.0	93.8	93.8	94.0	94.0	94.0	94.1	94.1	94.1	94.1	94.1	94.1	94.1	94.1	94.1	94.1
≥ 1500	93.7	94.6	94.6	94.7	94.7	94.7	94.8	94.8	94.8	94.8	94.8	94.8	94.8	94.8	94.8	94.8
≥ 1200	94.7	95.6	95.6	95.7	95.7	95.7	95.8	95.8	95.8	95.8	95.8	95.8	95.8	95.8	95.8	95.8
≥ 1000	95.4	96.3	96.3	96.4	96.4	96.4	96.5	96.5	96.5	96.5	96.5	96.5	96.5	96.5	96.5	96.5
≥ 900	95.4	96.3	96.4	96.7	96.7	96.7	96.8	96.8	96.8	96.8	96.8	96.8	96.8	96.8	96.8	96.8
≥ 800	95.8	96.7	96.8	97.0	97.0	97.0	97.2	97.2	97.2	97.2	97.2	97.2	97.2	97.2	97.2	97.2
≥ 700	96.2	97.0	97.2	97.5	97.5	97.5	97.7	97.7	97.7	97.7	97.7	97.7	97.7	97.7	97.7	97.7
≥ 600	97.2	98.1	98.4	98.9	98.9	98.9	99.1	99.1	99.1	99.1	99.1	99.1	99.1	99.1	99.1	99.1
≥ 500	97.2	98.1	98.4	98.9	98.9	98.9	99.1	99.1	99.1	99.1	99.1	99.1	99.1	99.1	99.1	99.1
≥ 400	97.3	98.3	98.5	99.0	99.0	99.0	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3
≥ 300	97.4	98.4	98.8	99.3	99.3	99.3	99.5	99.5	99.5	99.5	99.5	99.5	99.5	99.5	99.5	99.5
≥ 200	97.4	98.4	98.8	99.3	99.3	99.3	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6
≥ 100	97.4	98.4	98.8	99.3	99.3	99.3	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6
≥ 0	97.4	98.4	98.8	99.3	99.3	99.3	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6

TOTAL NUMBER OF OBSERVATIONS 810

DATA PROCESSING DIVISION
USAF ETAC
AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

94010 GLASGOW MONTANA AFB
STATION STATION NAME

59-67
YEAR

SEP

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

0000-0800

CEILING (FEET)	VISIBILITY STATUTE MILES															
	≥ 10	≥ 6	≥ 5	≥ 4	≥ 3	≥ 2.5	≥ 2	≥ 1.5	≥ 1	≥ .75	≥ .5	≥ .25	≥ .1	≥ .05	≥ .01	≥ 0
NO CEILING	58.1	58.3	58.4	58.4	58.4	58.4	58.6	58.6	58.6	58.6	58.6	58.6	58.6	58.6	58.6	58.6
≥ 20000	67.2	67.3	67.4	67.4	67.4	67.4	67.7	67.7	67.7	67.7	67.7	67.7	67.7	67.7	67.7	67.7
≥ 18000	67.2	67.3	67.4	67.4	67.4	67.4	67.7	67.7	67.7	67.7	67.7	67.7	67.7	67.7	67.7	67.7
≥ 16000	67.2	67.3	67.4	67.4	67.4	67.4	67.7	67.7	67.7	67.7	67.7	67.7	67.7	67.7	67.7	67.7
≥ 14000	67.5	67.7	67.8	67.8	67.8	67.8	68.0	68.0	68.0	68.0	68.0	68.0	68.0	68.0	68.0	68.0
≥ 12000	69.9	70.0	70.1	70.1	70.1	70.1	70.4	70.4	70.4	70.4	70.4	70.4	70.4	70.4	70.4	70.4
≥ 10000	74.0	74.1	74.2	74.2	74.2	74.2	74.4	74.6	74.6	74.6	74.6	74.6	74.6	74.6	74.6	74.6
≥ 9000	75.3	75.4	75.6	75.6	75.6	75.6	75.8	75.9	75.9	75.9	75.9	75.9	75.9	75.9	75.9	75.9
≥ 8000	77.0	77.2	77.4	77.4	77.4	77.4	77.8	77.9	77.9	77.9	77.9	77.9	77.9	77.9	77.9	77.9
≥ 7000	79.3	79.5	79.8	79.8	79.8	79.8	80.1	80.2	80.2	80.2	80.2	80.2	80.2	80.2	80.2	80.2
≥ 6000	81.6	82.1	82.3	82.3	82.3	82.3	82.7	82.8	82.8	82.8	82.8	82.8	82.8	82.8	82.8	82.8
≥ 5000	84.0	84.6	84.8	84.8	84.8	84.8	85.2	85.3	85.3	85.3	85.3	85.3	85.3	85.3	85.3	85.3
≥ 4500	84.1	84.7	84.9	84.9	84.9	84.9	85.3	85.4	85.4	85.4	85.4	85.4	85.4	85.4	85.4	85.4
≥ 4000	84.8	85.4	85.7	85.7	85.7	85.7	86.0	86.2	86.2	86.2	86.2	86.2	86.2	86.2	86.2	86.2
≥ 3500	85.7	86.4	86.8	86.8	86.8	86.8	87.2	87.3	87.3	87.3	87.3	87.3	87.3	87.3	87.3	87.3
≥ 3000	86.8	87.5	87.9	88.0	88.0	88.0	88.4	88.5	88.5	88.5	88.5	88.5	88.5	88.5	88.5	88.5
≥ 2500	87.5	88.3	88.6	88.8	88.8	88.8	89.1	89.3	89.3	89.3	89.3	89.3	89.3	89.3	89.3	89.3
≥ 2000	88.9	89.6	90.0	90.1	90.1	90.1	90.5	90.6	90.6	90.6	90.6	90.6	90.6	90.6	90.6	90.6
≥ 1800	89.0	89.8	90.1	90.2	90.2	90.2	90.6	90.7	90.7	90.7	90.7	90.7	90.7	90.7	90.7	90.7
≥ 1500	90.1	91.1	91.5	91.6	91.6	91.6	92.0	92.1	92.1	92.1	92.1	92.1	92.1	92.1	92.1	92.1
≥ 1200	90.5	91.6	92.0	92.1	92.2	92.2	92.6	92.7	92.7	92.7	92.7	92.7	92.7	92.7	92.7	92.7
≥ 1000	91.2	92.5	92.8	93.0	93.3	93.3	93.7	93.8	93.8	93.8	93.8	93.8	93.8	93.8	93.8	93.8
≥ 900	91.5	92.8	93.3	93.7	94.1	94.1	94.4	94.6	94.6	94.6	94.6	94.6	94.6	94.6	94.6	94.6
≥ 800	91.9	93.5	94.0	94.3	94.7	94.7	95.1	95.2	95.2	95.2	95.3	95.3	95.3	95.3	95.3	95.3
≥ 700	92.6	94.4	95.3	95.9	96.3	96.3	96.7	96.8	96.8	96.8	96.9	96.9	96.9	96.9	96.9	96.9
≥ 600	93.7	95.7	96.7	97.3	97.7	97.7	98.0	98.1	98.1	98.1	98.3	98.3	98.4	98.4	98.4	98.4
≥ 500	94.0	95.9	96.9	97.5	98.0	98.0	98.4	98.5	98.5	98.5	98.6	98.6	98.8	98.8	98.9	98.9
≥ 400	94.0	95.9	96.9	97.5	98.1	98.1	98.5	98.6	98.6	98.6	98.8	98.8	98.9	99.0	99.0	99.0
≥ 300	94.2	96.5	97.5	98.3	98.9	98.9	99.4	99.5	99.5	99.5	99.6	99.6	99.8	99.9	99.9	99.9
≥ 200	94.2	96.5	97.5	98.3	98.9	98.9	99.4	99.5	99.5	99.5	99.8	99.8	99.9	100.0	100.0	100.0
≥ 100	94.2	96.5	97.5	98.3	98.9	98.9	99.4	99.5	99.5	99.5	99.8	99.8	99.9	100.0	100.0	100.0
≥ 0	94.2	96.5	97.5	98.3	98.9	98.9	99.4	99.5	99.5	99.5	99.8	99.8	99.9	100.0	100.0	100.0

TOTAL NUMBER OF OBSERVATIONS 810

USAFETAC FORM 0-14-5 (OL 1) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

2

DATA PROCESSING DIVISION
USAF ETAC
AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

94010
STATION

GLASGOW MONTANA AFB
STATION NAME

59-67
YEAR

SEP
MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

0900-1100
TIME PERIOD

CEILING (FEET)	VISIBILITY - STATUTE MILES															
	≥ 10	≥ 6	≥ 5	≥ 4	≥ 3	≥ 2.5	≥ 2	≥ 1.5	≥ 1.0	≥ 0.5	≥ 0.25	≥ 0.15	≥ 0.1	≥ 0.05	≥ 0.025	≥ 0.01
NO CEILING	56.2	56.2	56.2	56.2	56.2	56.2	56.2	56.2	56.2	56.2	56.2	56.2	56.2	56.2	56.2	56.2
≥ 20000	67.2	67.2	67.2	67.2	67.2	67.2	67.2	67.2	67.2	67.2	67.2	67.2	67.2	67.2	67.2	67.2
≥ 18000	67.2	67.2	67.2	67.2	67.2	67.2	67.2	67.2	67.2	67.2	67.2	67.2	67.2	67.2	67.2	67.2
≥ 16000	67.2	67.2	67.2	67.2	67.2	67.2	67.2	67.2	67.2	67.2	67.2	67.2	67.2	67.2	67.2	67.2
≥ 14000	67.9	67.9	67.9	67.9	67.9	67.9	67.9	67.9	67.9	67.9	67.9	67.9	67.9	67.9	67.9	67.9
≥ 12000	70.4	70.4	70.4	70.4	70.4	70.4	70.4	70.4	70.4	70.4	70.4	70.4	70.4	70.4	70.4	70.4
≥ 10000	74.6	74.6	74.6	74.6	74.6	74.6	74.6	74.6	74.6	74.6	74.6	74.6	74.6	74.6	74.6	74.6
≥ 9000	76.3	76.3	76.3	76.3	76.3	76.3	76.3	76.3	76.3	76.3	76.3	76.3	76.3	76.3	76.3	76.3
≥ 8000	77.7	77.7	77.7	77.7	77.7	77.7	77.7	77.7	77.7	77.7	77.7	77.7	77.7	77.7	77.7	77.7
≥ 7000	78.4	78.5	78.5	78.5	78.5	78.5	78.5	78.5	78.5	78.5	78.5	78.5	78.5	78.5	78.5	78.5
≥ 6000	79.6	79.9	80.0	80.1	80.1	80.1	80.1	80.1	80.1	80.1	80.1	80.1	80.1	80.1	80.1	80.1
≥ 5000	80.7	81.0	81.2	81.4	81.4	81.4	81.4	81.4	81.4	81.4	81.4	81.4	81.4	81.4	81.4	81.4
≥ 4500	81.6	81.9	82.2	82.3	82.3	82.3	82.3	82.3	82.3	82.3	82.3	82.3	82.3	82.3	82.3	82.3
≥ 4000	82.7	83.1	83.5	83.7	83.7	83.7	83.7	83.7	83.7	83.7	83.7	83.7	83.7	83.7	83.7	83.7
≥ 3500	83.3	83.7	84.1	84.3	84.3	84.3	84.3	84.3	84.3	84.3	84.3	84.3	84.3	84.3	84.3	84.3
≥ 3000	84.7	85.1	85.4	85.7	85.7	85.7	85.7	85.7	85.7	85.7	85.7	85.7	85.7	85.7	85.7	85.7
≥ 2500	85.7	86.0	86.4	86.7	86.7	86.7	86.7	86.7	86.7	86.7	86.7	86.7	86.7	86.7	86.7	86.7
≥ 2000	87.2	87.9	88.3	88.5	88.5	88.5	88.5	88.5	88.5	88.5	88.5	88.5	88.5	88.5	88.5	88.5
≥ 1800	88.1	88.9	89.3	89.5	89.5	89.5	89.5	89.5	89.5	89.5	89.5	89.5	89.5	89.5	89.5	89.5
≥ 1500	90.1	90.9	91.2	91.5	91.5	91.5	91.6	91.6	91.6	91.6	91.6	91.6	91.6	91.6	91.6	91.6
≥ 1200	91.7	92.6	93.1	93.3	93.3	93.3	93.7	93.7	93.7	93.7	93.7	93.8	93.8	93.8	93.8	93.8
≥ 1000	93.2	94.2	94.7	94.9	95.1	95.2	95.6	95.6	95.6	95.7	95.8	95.8	95.8	95.8	95.8	95.8
≥ 900	93.3	94.4	95.2	95.4	95.8	95.9	96.3	96.3	96.3	96.4	96.5	96.5	96.5	96.5	96.5	96.5
≥ 800	93.8	95.6	96.3	96.7	97.0	97.2	97.5	97.5	97.5	97.7	97.8	97.8	97.8	97.8	97.8	97.8
≥ 700	94.3	96.3	97.0	97.4	97.8	97.9	98.3	98.3	98.3	98.4	98.5	98.5	98.5	98.5	98.5	98.6
≥ 600	94.6	96.5	97.3	97.7	98.0	98.1	98.5	98.5	98.5	98.6	98.8	98.8	98.8	98.8	98.8	98.9
≥ 500	94.6	96.5	97.3	97.7	98.0	98.1	98.5	98.5	98.5	98.6	98.8	98.8	98.8	98.8	98.8	98.9
≥ 400	94.7	96.8	97.7	98.0	98.4	98.5	98.9	98.9	98.9	99.0	99.1	99.1	99.1	99.1	99.1	99.2
≥ 300	95.1	97.2	98.0	98.5	98.9	99.0	99.5	99.5	99.5	99.6	99.8	99.8	99.8	99.8	99.8	99.9
≥ 200	95.1	97.2	98.0	98.5	98.9	99.0	99.5	99.5	99.5	99.6	99.8	99.8	99.8	99.8	99.8	99.9
≥ 100	95.1	97.2	98.0	98.5	98.9	99.0	99.5	99.5	99.5	99.6	99.8	99.8	99.8	99.8	99.8	100.0
≥ 0	95.1	97.2	98.0	98.5	98.9	99.0	99.5	99.5	99.5	99.6	99.8	99.8	99.8	99.8	99.8	100.0

TOTAL NUMBER OF OBSERVATIONS 810

USAFETAC FORM 0-14-5 (OL 1) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

2
DATA PROCESSING DIVISION
USAF ETAC
AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

96010 STATION GLASGOW MONTANA AFB STATION NAME

59-67

SEP

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

1200-1400

CEILING (FEET)	VISIBILITY STATUTE MILES															
	≥ 10	≥ 6	≥ 5	≥ 4	≥ 3	≥ 2.5	≥ 2	≥ 1.5	≥ 1.0	≥ 0.75	≥ 0.5	≥ 0.4	≥ 0.3	≥ 0.25	≥ 0.2	≥ 0
NO CEILING	53.5	53.5	53.5	53.5	53.5	53.5	53.5	53.5	53.5	53.5	53.5	53.5	53.5	53.5	53.5	53.5
≥ 20000	64.3	64.3	64.3	64.3	64.3	64.3	64.3	64.3	64.3	64.3	64.3	64.3	64.3	64.3	64.3	64.3
≥ 18000	64.3	64.3	64.3	64.3	64.3	64.3	64.3	64.3	64.3	64.3	64.3	64.3	64.3	64.3	64.3	64.3
≥ 16000	64.3	64.3	64.3	64.3	64.3	64.3	64.3	64.3	64.3	64.3	64.3	64.3	64.3	64.3	64.3	64.3
≥ 14000	64.7	64.7	64.7	64.7	64.7	64.7	64.7	64.7	64.7	64.7	64.7	64.7	64.7	64.7	64.7	64.7
≥ 12000	68.9	68.9	68.9	68.9	68.9	68.9	68.9	68.9	68.9	68.9	68.9	68.9	68.9	68.9	68.9	68.9
≥ 10000	74.3	74.3	74.3	74.3	74.3	74.3	74.3	74.3	74.3	74.3	74.3	74.3	74.3	74.3	74.3	74.3
≥ 9000	75.3	75.3	75.3	75.3	75.3	75.3	75.3	75.3	75.3	75.3	75.3	75.3	75.3	75.3	75.3	75.3
≥ 8000	76.7	76.7	76.7	76.7	76.7	76.7	76.7	76.7	76.7	76.7	76.7	76.7	76.7	76.7	76.7	76.7
≥ 7000	77.5	77.5	77.5	77.5	77.5	77.5	77.5	77.5	77.5	77.5	77.5	77.5	77.5	77.5	77.5	77.5
≥ 6000	78.8	79.1	79.1	79.1	79.1	79.1	79.1	79.1	79.1	79.1	79.1	79.1	79.1	79.1	79.1	79.1
≥ 5000	80.5	80.5	80.5	80.5	80.5	80.5	80.5	80.5	80.5	80.5	80.5	80.5	80.5	80.5	80.5	80.5
≥ 4500	81.4	81.7	81.7	81.7	81.7	81.7	81.7	81.7	81.7	81.7	81.7	81.7	81.7	81.7	81.7	81.7
≥ 4000	84.3	84.7	84.7	84.7	84.7	84.7	84.7	84.7	84.7	84.7	84.7	84.7	84.7	84.7	84.7	84.7
≥ 3500	85.3	85.7	85.7	85.7	85.7	85.7	85.7	85.7	85.7	85.7	85.7	85.7	85.7	85.7	85.7	85.7
≥ 3000	86.3	86.7	86.7	86.7	86.7	86.7	86.7	86.7	86.7	86.7	86.7	86.7	86.7	86.7	86.7	86.7
≥ 2500	88.6	89.0	89.0	89.0	89.0	89.0	89.0	89.0	89.0	89.0	89.0	89.0	89.0	89.0	89.0	89.0
≥ 2000	90.7	91.4	91.4	91.4	91.4	91.4	91.4	91.4	91.4	91.4	91.4	91.4	91.4	91.4	91.4	91.4
≥ 1800	92.5	93.1	93.1	93.1	93.1	93.1	93.1	93.1	93.1	93.1	93.1	93.1	93.1	93.1	93.1	93.1
≥ 1500	93.8	94.4	94.4	94.4	94.4	94.4	94.4	94.4	94.4	94.4	94.4	94.4	94.4	94.4	94.4	94.4
≥ 1200	95.4	96.4	96.4	96.4	96.4	96.4	96.4	96.4	96.4	96.4	96.4	96.4	96.4	96.4	96.4	96.4
≥ 1000	96.2	97.2	97.3	97.3	97.3	97.3	97.3	97.3	97.3	97.3	97.3	97.3	97.3	97.3	97.3	97.3
≥ 900	96.4	97.4	97.5	97.5	97.5	97.5	97.5	97.5	97.5	97.5	97.5	97.5	97.5	97.5	97.5	97.5
≥ 800	97.2	98.4	98.5	98.5	99.1	99.1	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3
≥ 700	97.2	98.4	98.5	98.5	99.1	99.1	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3
≥ 600	97.2	98.4	98.5	98.5	99.1	99.1	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3
≥ 500	97.3	98.6	98.8	98.8	99.4	99.4	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6
≥ 400	97.5	98.9	99.0	99.0	99.6	99.6	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9
≥ 300	97.7	99.0	99.1	99.1	99.8	99.8	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 200	97.7	99.0	99.1	99.1	99.8	99.8	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 100	97.7	99.0	99.1	99.1	99.8	99.8	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 0	97.7	99.0	99.1	99.1	99.8	99.8	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0

TOTAL NUMBER OF OBSERVATIONS 810

2
DATA PROCESSING DIVISION
USAF ETAC
AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

94010 STATION GLASGOW MONTANA AFB STATION NAME

99-67 YEARS

SEP MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

1500-1700

CEILING (FEET)	VISIBILITY (STATUTE MILES)															
	≥ 10	≥ 6	≥ 5	≥ 4	≥ 3	≥ 2½	≥ 2	≥ 1½	≥ 1¼	≥ 1	≥ ¾	≥ ½	≥ ¼	≥ 5/16	≥ 1/8	≥ 0
NO CEILING	54.6	54.6	54.7	54.7	54.7	54.7	54.7	54.7	54.7	54.7	54.8	54.8	54.8	54.8	54.8	54.8
≥ 20000	66.5	66.5	66.7	66.7	66.7	66.7	66.7	66.7	66.7	66.7	66.8	66.8	66.8	66.8	66.8	66.8
≥ 18000	66.5	66.5	66.7	66.7	66.7	66.7	66.7	66.7	66.7	66.7	66.8	66.8	66.8	66.8	66.8	66.8
≥ 16000	66.7	66.7	66.8	66.8	66.8	66.8	66.8	66.8	66.8	66.8	66.9	66.9	66.9	66.9	66.9	66.9
≥ 14000	67.5	67.5	67.7	67.7	67.7	67.7	67.7	67.7	67.7	67.7	67.8	67.8	67.8	67.8	67.8	67.8
≥ 12000	72.6	72.6	72.7	72.7	72.7	72.7	72.7	72.7	72.7	72.7	72.8	72.8	72.8	72.8	72.8	72.8
≥ 10000	76.7	76.8	76.9	76.9	76.9	76.9	76.9	76.9	76.9	76.9	77.0	77.0	77.0	77.0	77.0	77.0
≥ 9000	77.9	78.0	78.1	78.1	78.1	78.1	78.1	78.1	78.1	78.1	78.3	78.3	78.3	78.3	78.3	78.3
≥ 8000	79.5	79.6	79.8	79.8	79.8	79.8	79.8	79.8	79.8	79.8	79.9	79.9	79.9	79.9	79.9	79.9
≥ 7000	80.7	80.9	81.0	81.0	81.0	81.0	81.0	81.0	81.0	81.0	81.1	81.1	81.1	81.1	81.1	81.1
≥ 6000	82.5	82.6	82.7	82.7	82.7	82.7	82.7	82.7	82.7	82.7	82.8	82.8	82.8	82.8	82.8	82.8
≥ 5000	84.6	84.7	84.8	84.8	84.8	84.8	84.8	84.8	84.8	84.8	84.9	84.9	84.9	84.9	84.9	84.9
≥ 4500	85.6	85.7	85.8	85.8	85.8	85.8	85.8	85.8	85.8	85.8	85.9	85.9	85.9	85.9	85.9	85.9
≥ 4000	88.1	88.3	88.4	88.4	88.4	88.4	88.4	88.4	88.4	88.4	88.5	88.5	88.5	88.5	88.5	88.5
≥ 3500	89.3	89.4	89.5	89.5	89.5	89.5	89.5	89.5	89.5	89.5	89.6	89.6	89.6	89.6	89.6	89.6
≥ 3000	91.2	91.4	91.5	91.5	91.5	91.5	91.5	91.5	91.5	91.5	91.6	91.6	91.6	91.6	91.6	91.6
≥ 2500	93.7	93.8	94.0	94.0	94.0	94.0	94.0	94.0	94.0	94.0	94.1	94.1	94.1	94.1	94.1	94.1
≥ 2000	95.9	96.0	96.2	96.2	96.2	96.2	96.2	96.2	96.2	96.2	96.3	96.3	96.3	96.3	96.3	96.3
≥ 1800	96.8	97.2	97.3	97.3	97.3	97.3	97.3	97.3	97.3	97.3	97.4	97.4	97.4	97.4	97.4	97.4
≥ 1500	98.0	98.4	98.5	98.5	98.5	98.5	98.5	98.5	98.5	98.5	98.6	98.6	98.6	98.6	98.6	98.6
≥ 1200	98.1	98.6	98.8	98.8	98.8	98.8	98.9	98.9	98.9	98.9	99.0	99.0	99.0	99.0	99.0	99.0
≥ 1000	98.4	98.9	99.0	99.0	99.0	99.0	99.1	99.1	99.1	99.1	99.2	99.2	99.2	99.2	99.2	99.2
≥ 900	98.4	98.9	99.0	99.0	99.0	99.0	99.1	99.1	99.1	99.1	99.2	99.2	99.2	99.2	99.2	99.2
≥ 800	98.4	98.9	99.0	99.0	99.0	99.1	99.1	99.1	99.1	99.1	99.2	99.2	99.2	99.2	99.2	99.2
≥ 700	98.4	98.9	99.0	99.0	99.0	99.1	99.1	99.1	99.1	99.1	99.2	99.2	99.2	99.2	99.2	99.2
≥ 600	98.4	98.9	99.0	99.0	99.0	99.1	99.1	99.1	99.1	99.1	99.2	99.2	99.2	99.2	99.2	99.2
≥ 500	98.4	98.9	99.0	99.0	99.0	99.1	99.1	99.1	99.1	99.1	99.2	99.2	99.2	99.2	99.2	99.2
≥ 400	98.4	98.9	99.0	99.0	99.0	99.1	99.1	99.1	99.1	99.1	99.2	99.2	99.2	99.2	99.2	99.2
≥ 300	98.4	98.9	99.0	99.0	99.0	99.1	99.1	99.1	99.1	99.1	99.2	99.2	99.2	99.2	99.2	99.2
≥ 200	98.4	98.9	99.0	99.0	99.0	99.1	99.1	99.1	99.1	99.1	99.2	99.2	99.2	99.2	99.2	99.2
≥ 100	98.4	98.9	99.0	99.0	99.0	99.1	99.1	99.1	99.1	99.1	99.2	99.2	99.2	99.2	99.2	99.2
≥ 0	98.4	98.9	99.0	99.0	99.0	99.1	99.1	99.1	99.1	99.1	99.2	99.2	99.2	99.2	99.2	99.2

TOTAL NUMBER OF OBSERVATIONS 810

DATA PROCESSING DIVISION
USAF ETAC
AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

94010
STATION

GLASGOW MONTANA AFB
STATION NAME

59-67
YEARS

SFP
MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

1800-2000
HOURS LST

CEILING (FEET)	VISIBILITY (STATUTE MILES)															
	≥10	≥6	≥5	≥4	≥3	≥2½	≥2	≥1½	≥1¼	≥1	¾	¾	¾	≥5/16	¾	≥0
NO CEILING	61.0	61.0	61.0	61.0	61.0	61.0	61.0	61.0	61.0	61.0	61.0	61.0	61.0	61.0	61.0	61.0
≥ 20000	68.6	68.6	68.6	68.6	68.6	68.6	68.6	68.6	68.6	68.6	68.6	68.6	68.6	68.6	68.6	68.6
≥ 18000	68.6	68.6	68.6	68.6	68.6	68.6	68.6	68.6	68.6	68.6	68.6	68.6	68.6	68.6	68.6	68.6
≥ 16000	68.6	68.6	68.6	68.6	68.6	68.6	68.6	68.6	68.6	68.6	68.6	68.6	68.6	68.6	68.6	68.6
≥ 14000	69.1	69.1	69.1	69.1	69.1	69.1	69.1	69.1	69.1	69.1	69.1	69.1	69.1	69.1	69.1	69.1
≥ 12000	74.1	74.1	74.1	74.1	74.1	74.1	74.1	74.1	74.1	74.1	74.1	74.1	74.1	74.1	74.1	74.1
≥ 10000	77.3	77.3	77.3	77.3	77.3	77.3	77.4	77.4	77.4	77.4	77.4	77.4	77.4	77.4	77.4	77.4
≥ 9000	78.9	78.9	78.9	78.9	78.9	78.9	79.0	79.0	79.0	79.0	79.0	79.0	79.0	79.0	79.0	79.0
≥ 8000	80.6	80.6	80.6	80.6	80.6	80.6	80.7	80.7	80.7	80.7	80.7	80.7	80.7	80.7	80.7	80.7
≥ 7000	82.1	82.1	82.1	82.1	82.1	82.1	82.2	82.2	82.2	82.2	82.2	82.2	82.2	82.2	82.2	82.2
≥ 6000	84.4	84.4	84.4	84.4	84.4	84.4	84.6	84.6	84.6	84.6	84.6	84.6	84.6	84.6	84.6	84.6
≥ 5000	85.9	86.3	86.4	86.4	86.4	86.4	86.5	86.5	86.5	86.5	86.5	86.5	86.5	86.5	86.5	86.5
≥ 4500	88.3	88.6	88.8	88.8	88.8	88.8	88.9	88.9	88.9	88.9	88.9	88.9	88.9	88.9	88.9	88.9
≥ 4000	90.5	90.9	91.0	91.0	91.0	91.0	91.2	91.2	91.2	91.2	91.2	91.2	91.2	91.2	91.2	91.2
≥ 3500	91.2	91.6	91.7	91.7	91.7	91.7	92.0	92.0	92.0	92.0	92.0	92.0	92.0	92.0	92.0	92.0
≥ 3000	92.6	93.0	93.1	93.1	93.1	93.1	93.3	93.3	93.3	93.3	93.3	93.3	93.3	93.3	93.3	93.3
≥ 2500	94.2	94.6	94.7	94.7	94.7	94.7	94.9	94.9	94.9	94.9	94.9	94.9	94.9	94.9	94.9	94.9
≥ 2000	94.9	95.7	95.8	95.8	95.8	95.8	96.0	96.0	96.0	96.0	96.0	96.0	96.0	96.0	96.0	96.0
≥ 1800	94.9	95.9	96.0	96.0	96.0	96.0	96.3	96.3	96.3	96.3	96.3	96.3	96.3	96.3	96.3	96.3
≥ 1500	96.0	97.2	97.3	97.3	97.3	97.3	97.5	97.5	97.5	97.5	97.5	97.5	97.5	97.5	97.5	97.5
≥ 1200	96.2	97.4	97.5	97.5	97.5	97.5	97.8	97.8	97.8	97.8	97.8	97.8	97.8	97.8	97.8	97.8
≥ 1000	96.9	98.4	98.5	98.5	98.5	98.5	98.8	98.8	98.8	98.8	98.9	98.9	98.9	99.0	99.0	99.0
≥ 900	96.9	98.4	98.5	98.5	98.5	98.5	98.8	98.8	98.8	98.8	98.9	98.9	98.9	99.0	99.0	99.0
≥ 800	97.0	98.6	98.9	98.9	99.0	99.0	99.3	99.3	99.3	99.3	99.4	99.4	99.4	99.5	99.5	99.5
≥ 700	97.0	98.6	98.9	98.9	99.0	99.0	99.3	99.3	99.3	99.3	99.4	99.4	99.4	99.5	99.5	99.5
≥ 600	97.0	98.8	99.0	99.0	99.3	99.3	99.3	99.3	99.3	99.3	99.6	99.6	99.6	99.8	99.8	99.8
≥ 500	97.0	98.8	99.0	99.0	99.3	99.3	99.3	99.3	99.3	99.3	99.6	99.6	99.6	99.8	99.8	99.8
≥ 400	97.0	98.8	99.0	99.0	99.3	99.3	99.3	99.3	99.3	99.3	99.6	99.6	99.6	99.8	99.8	99.8
≥ 300	97.0	98.8	99.0	99.0	99.3	99.3	99.3	99.3	99.3	99.3	99.6	99.6	99.6	99.8	99.8	99.8
≥ 200	97.0	98.8	99.0	99.0	99.3	99.3	99.3	99.3	99.3	99.3	99.6	99.6	99.6	99.8	99.8	99.8
≥ 100	97.0	98.8	99.0	99.0	99.3	99.3	99.3	99.3	99.3	99.3	99.6	99.6	99.6	99.8	99.8	99.8
≥ 0	97.0	98.8	99.0	99.0	99.3	99.3	99.3	99.3	99.3	99.3	99.6	99.6	99.6	99.8	99.8	99.8

TOTAL NUMBER OF OBSERVATIONS 810

2
DATA PROCESSING DIVISION
USAF ETAC
AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

94010
STATION

GLASGOW MONTANA AFB
STATION NAME

59-67
YEARS

SEP
MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

2100-2300
HOURS LST

CEILING (FEET)	VISIBILITY (STATUTE MILES)															
	≥ 10	≥ 6	≥ 5	≥ 4	≥ 3	≥ 2½	≥ 2	≥ 1½	≥ 1¼	≥ 1	≥ ¾	≥ ½	≥ ¼	≥ 5/16	≥ ¼	≥ 0
NO CEILING	67.2	67.2	67.2	67.2	67.2	67.2	67.2	67.2	67.2	67.2	67.2	67.2	67.2	67.2	67.2	67.2
≥ 20000	72.0	72.0	72.0	72.0	72.0	72.0	72.0	72.0	72.0	72.0	72.0	72.0	72.0	72.0	72.0	72.0
≥ 18000	72.0	72.0	72.0	72.0	72.0	72.0	72.0	72.0	72.0	72.0	72.0	72.0	72.0	72.0	72.0	72.0
≥ 16000	72.0	72.0	72.0	72.0	72.0	72.0	72.0	72.0	72.0	72.0	72.0	72.0	72.0	72.0	72.0	72.0
≥ 14000	72.1	72.1	72.1	72.1	72.1	72.1	72.1	72.1	72.1	72.1	72.1	72.1	72.1	72.1	72.1	72.1
≥ 12000	76.3	76.3	76.3	76.3	76.3	76.3	76.3	76.3	76.3	76.3	76.3	76.3	76.3	76.3	76.3	76.3
≥ 10000	79.3	79.3	79.3	79.3	79.3	79.3	79.3	79.3	79.3	79.3	79.3	79.3	79.3	79.3	79.3	79.3
≥ 9000	79.8	79.8	79.8	79.8	79.8	79.8	79.8	79.8	79.8	79.8	79.8	79.8	79.8	79.8	79.8	79.8
≥ 8000	82.5	82.6	82.6	82.6	82.6	82.6	82.6	82.6	82.6	82.6	82.6	82.6	82.6	82.6	82.6	82.6
≥ 7000	83.6	83.7	83.7	83.7	83.7	83.7	83.7	83.7	83.7	83.7	83.7	83.7	83.7	83.7	83.7	83.7
≥ 6000	85.7	86.0	86.0	86.0	86.0	86.0	86.0	86.0	86.0	86.0	86.0	86.0	86.0	86.0	86.0	86.0
≥ 5000	88.1	88.8	88.8	88.8	88.8	88.8	88.8	88.8	88.8	88.8	88.8	88.8	88.8	88.8	88.8	88.8
≥ 4500	89.4	90.0	90.0	90.0	90.0	90.0	90.0	90.0	90.0	90.0	90.0	90.0	90.0	90.0	90.0	90.0
≥ 4000	91.1	91.7	91.7	91.7	91.7	91.7	91.7	91.7	91.7	91.7	91.7	91.7	91.7	91.7	91.7	91.7
≥ 3500	92.5	93.1	93.1	93.2	93.2	93.2	93.2	93.2	93.2	93.2	93.2	93.2	93.2	93.2	93.2	93.2
≥ 3000	93.1	93.7	93.7	94.0	94.0	94.0	94.0	94.0	94.0	94.0	94.0	94.0	94.0	94.0	94.0	94.0
≥ 2500	94.1	94.7	94.7	94.9	94.9	94.9	94.9	94.9	94.9	94.9	94.9	94.9	94.9	94.9	94.9	94.9
≥ 2000	94.7	95.4	95.6	95.8	95.8	95.8	95.8	95.8	95.8	95.8	95.8	95.8	95.8	95.8	95.8	95.8
≥ 1800	94.8	95.6	95.7	95.9	95.9	95.9	95.9	95.9	95.9	95.9	95.9	95.9	95.9	95.9	95.9	95.9
≥ 1500	95.3	96.0	96.2	96.4	96.4	96.4	96.4	96.4	96.4	96.4	96.4	96.4	96.4	96.4	96.4	96.4
≥ 1200	95.3	96.3	96.8	97.0	97.0	97.0	97.0	97.0	97.0	97.0	97.0	97.0	97.0	97.0	97.0	97.0
≥ 1000	96.2	97.4	98.0	98.2	98.4	98.4	98.4	98.4	98.4	98.4	98.4	98.4	98.4	98.4	98.4	98.4
≥ 900	96.2	97.7	98.3	98.5	98.6	98.6	98.6	98.6	98.6	98.6	98.6	98.6	98.6	98.6	98.6	98.6
≥ 800	96.3	97.8	98.4	98.6	98.8	98.8	98.8	98.8	98.8	98.8	98.8	98.8	98.8	98.8	98.8	98.8
≥ 700	96.3	97.8	98.4	98.6	98.8	98.8	98.8	98.8	98.8	98.8	98.8	98.8	98.8	98.8	98.8	98.8
≥ 600	96.4	98.1	98.8	99.0	99.1	99.1	99.1	99.1	99.1	99.1	99.1	99.1	99.1	99.1	99.1	99.1
≥ 500	96.4	98.1	98.8	99.0	99.1	99.1	99.1	99.1	99.1	99.1	99.1	99.1	99.1	99.1	99.1	99.1
≥ 400	96.4	98.1	98.8	99.0	99.1	99.1	99.1	99.1	99.1	99.1	99.1	99.1	99.1	99.1	99.1	99.1
≥ 300	96.7	98.4	99.4	99.6	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8
≥ 200	96.8	98.5	99.5	99.8	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9
≥ 100	96.8	98.5	99.5	99.8	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9
≥ 0	96.8	98.5	99.5	99.8	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9

TOTAL NUMBER OF OBSERVATIONS 810

USAFETAC

FORM
A4, 64

0-14-5 (OL 1) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

2
DATA PROCESSING DIVISION
USAF ETAC
AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

94010 STATION GLASGOW MONTANA AFB STATION NAME

59-67 YEARS

LCI MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

0000-0200 HOURS LST

CEILING (FEET)	VISIBILITY (STATUTE MILES)															
	≥ 10	≥ 6	≥ 5	≥ 4	≥ 3	≥ 2½	≥ 2	≥ 1½	≥ 1¼	≥ 1	≥ ¾	≥ ½	≥ ¼	≥ 5/16	≥ ¼	≥ 0
NO CEILING	66.1	66.1	66.1	66.1	66.1	66.1	66.1	66.1	66.1	66.1	66.1	66.1	66.1	66.2	66.2	66.2
≥ 20000	73.0	73.0	73.0	73.0	73.0	73.0	73.0	73.0	73.0	73.0	73.0	73.0	73.0	73.1	73.1	73.1
≥ 18000	73.0	73.0	73.0	73.0	73.0	73.0	73.0	73.0	73.0	73.0	73.0	73.0	73.0	73.1	73.1	73.1
≥ 16000	73.0	73.0	73.0	73.0	73.0	73.0	73.0	73.0	73.0	73.0	73.0	73.0	73.0	73.1	73.1	73.1
≥ 14000	73.1	73.1	73.1	73.1	73.1	73.1	73.1	73.1	73.1	73.1	73.1	73.1	73.1	73.2	73.2	73.2
≥ 12000	76.2	76.2	76.2	76.2	76.2	76.2	76.2	76.2	76.2	76.2	76.2	76.2	76.2	76.3	76.3	76.3
≥ 10000	80.5	80.5	80.5	80.5	80.5	80.5	80.5	80.5	80.5	80.5	80.5	80.5	80.5	80.6	80.6	80.6
≥ 9000	82.1	82.1	82.1	82.1	82.1	82.1	82.1	82.1	82.1	82.1	82.1	82.1	82.1	82.2	82.2	82.2
≥ 8000	84.5	84.5	84.5	84.5	84.5	84.5	84.5	84.5	84.5	84.5	84.5	84.5	84.5	84.6	84.6	84.6
≥ 7000	86.0	86.0	86.0	86.0	86.0	86.0	86.0	86.0	86.0	86.0	86.0	86.0	86.0	86.1	86.1	86.1
≥ 6000	87.6	87.6	87.6	87.6	87.6	87.6	87.6	87.6	87.6	87.6	87.6	87.6	87.6	87.7	87.7	87.7
≥ 5000	89.0	89.0	89.0	89.0	89.0	89.0	89.0	89.0	89.0	89.0	89.0	89.0	89.0	89.1	89.1	89.1
≥ 4500	89.5	89.6	89.6	89.6	89.6	89.6	89.6	89.6	89.6	89.6	89.6	89.6	89.6	89.7	89.7	89.7
≥ 4000	90.8	91.0	91.0	91.0	91.0	91.0	91.0	91.0	91.0	91.0	91.0	91.0	91.0	91.2	91.2	91.2
≥ 3500	91.2	91.5	91.5	91.5	91.5	91.5	91.5	91.5	91.5	91.5	91.5	91.5	91.5	91.6	91.6	91.6
≥ 3000	92.5	92.8	92.8	92.8	92.8	92.8	92.8	92.8	92.8	92.8	92.8	92.8	92.8	93.0	93.0	93.0
≥ 2500	93.4	93.8	93.8	93.8	93.8	93.8	93.8	93.8	93.8	93.8	93.8	93.8	93.8	93.9	93.9	93.9
≥ 2000	94.0	94.4	94.4	94.4	94.4	94.4	94.4	94.4	94.4	94.4	94.4	94.4	94.4	94.5	94.5	94.5
≥ 1800	94.1	94.5	94.5	94.5	94.5	94.5	94.5	94.5	94.5	94.5	94.5	94.5	94.5	94.6	94.6	94.6
≥ 1500	94.5	95.3	95.3	95.3	95.3	95.3	95.3	95.3	95.3	95.3	95.3	95.3	95.3	95.5	95.5	95.5
≥ 1200	94.5	95.7	95.7	96.1	96.1	96.1	96.1	96.1	96.1	96.1	96.1	96.1	96.1	96.2	96.2	96.2
≥ 1000	94.6	95.8	95.8	96.2	96.2	96.2	96.2	96.2	96.2	96.2	96.2	96.2	96.2	96.3	96.3	96.3
≥ 900	94.9	96.1	96.1	96.4	96.4	96.4	96.4	96.4	96.4	96.4	96.4	96.4	96.4	96.5	96.5	96.5
≥ 800	95.3	96.7	97.0	97.4	97.4	97.4	97.4	97.4	97.4	97.4	97.4	97.4	97.4	97.5	97.5	97.5
≥ 700	95.3	96.8	97.1	97.5	97.5	97.5	97.5	97.5	97.5	97.5	97.5	97.5	97.5	97.7	97.7	97.7
≥ 600	95.6	97.1	97.5	97.8	97.8	97.8	98.2	98.2	98.2	98.2	98.2	98.2	98.2	98.4	98.4	98.4
≥ 500	95.9	97.5	97.8	98.2	98.2	98.2	98.6	98.6	98.6	98.6	98.6	98.6	98.6	98.8	98.8	98.8
≥ 400	95.9	97.5	97.8	98.2	98.2	98.2	98.6	98.6	98.6	98.6	98.6	98.6	98.6	98.8	98.8	98.8
≥ 300	96.1	97.6	98.0	98.3	98.3	98.3	98.7	98.7	98.7	98.7	98.7	98.9	98.9	99.2	99.2	99.2
≥ 200	96.2	97.7	98.1	98.4	98.4	98.4	98.8	98.8	98.8	98.8	98.8	99.0	99.0	99.3	99.3	99.3
≥ 100	96.2	97.7	98.1	98.4	98.4	98.4	98.9	98.9	98.9	98.9	98.9	99.2	99.2	99.4	99.4	99.5
≥ 0	96.2	97.7	98.1	98.4	98.4	98.4	98.9	98.9	98.9	98.9	99.0	99.6	99.6	99.9	100.0	100.0

TOTAL NUMBER OF OBSERVATIONS 837

DATA PROCESSING DIVISION
USAF ETAC
AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

94010
STATIONGLASGOW MONTANA AFB
STATION NAME59-67
YEARSLCT
MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

0300-0500
HOURS, CST

CEILING (FEET)	VISIBILITY (STATUTE MILES)															
	≥10	≥6	≥5	≥4	≥3	≥2½	≥2	≥1½	≥1¼	≥1	≥¾	≥½	≥¼	≥1/16	≥1/8	≥0
NO CEILING	67.0	67.1	67.1	67.3	67.3	67.3	67.3	67.3	67.3	67.3	67.3	67.3	67.3	67.3	67.3	67.3
≥ 20000	74.4	74.6	74.6	74.7	74.7	74.7	74.7	74.7	74.7	74.7	74.7	74.7	74.7	74.7	74.7	74.7
≥ 18000	74.4	74.6	74.6	74.7	74.7	74.7	74.7	74.7	74.7	74.7	74.7	74.7	74.7	74.7	74.7	74.7
≥ 16000	74.4	74.6	74.6	74.7	74.7	74.7	74.7	74.7	74.7	74.7	74.7	74.7	74.7	74.7	74.7	74.7
≥ 14000	74.4	74.6	74.6	74.7	74.7	74.7	74.7	74.7	74.7	74.7	74.7	74.7	74.7	74.7	74.7	74.7
≥ 12000	76.2	76.3	76.3	76.5	76.5	76.5	76.5	76.5	76.5	76.5	76.5	76.5	76.5	76.5	76.5	76.5
≥ 10000	81.4	81.5	81.5	81.6	81.6	81.6	81.6	81.6	81.6	81.6	81.6	81.6	81.6	81.6	81.6	81.6
≥ 9000	82.1	82.2	82.2	82.3	82.3	82.3	82.3	82.3	82.3	82.3	82.3	82.3	82.3	82.3	82.3	82.3
≥ 8000	83.9	84.0	84.0	84.1	84.1	84.1	84.1	84.1	84.1	84.1	84.1	84.1	84.1	84.1	84.1	84.1
≥ 7000	84.9	85.2	85.2	85.3	85.3	85.3	85.3	85.3	85.3	85.3	85.3	85.3	85.3	85.3	85.3	85.3
≥ 6000	85.9	86.1	86.1	86.3	86.3	86.3	86.3	86.3	86.3	86.3	86.3	86.3	86.3	86.3	86.3	86.3
≥ 5000	88.3	88.5	88.5	88.6	88.6	88.6	88.6	88.6	88.6	88.6	88.6	88.6	88.6	88.6	88.6	88.6
≥ 4500	88.9	89.1	89.1	89.2	89.2	89.2	89.2	89.2	89.2	89.2	89.2	89.2	89.2	89.2	89.2	89.2
≥ 4000	89.5	89.7	89.7	89.8	90.0	90.0	90.0	90.0	90.0	90.0	90.0	90.0	90.0	90.0	90.0	90.0
≥ 3500	90.0	90.2	90.2	90.3	90.4	90.4	90.4	90.4	90.4	90.4	90.4	90.4	90.4	90.4	90.4	90.4
≥ 3000	90.7	90.9	90.9	91.0	91.2	91.2	91.2	91.2	91.2	91.2	91.2	91.2	91.2	91.2	91.2	91.2
≥ 2500	91.4	91.6	91.6	91.8	91.9	91.9	91.9	91.9	91.9	91.9	91.9	91.9	91.9	91.9	91.9	91.9
≥ 2000	91.8	92.0	92.0	92.1	92.2	92.2	92.2	92.2	92.2	92.2	92.2	92.2	92.2	92.2	92.2	92.2
≥ 1800	92.2	92.3	92.3	92.6	92.7	92.7	92.7	92.7	92.7	92.7	92.7	92.7	92.7	92.7	92.7	92.7
≥ 1500	93.1	93.7	93.7	93.8	93.9	93.9	93.9	93.9	93.9	93.9	93.9	93.9	93.9	93.9	93.9	93.9
≥ 1200	93.4	94.3	94.3	94.6	94.7	94.7	94.7	94.7	94.7	94.7	94.7	94.7	94.7	94.7	94.7	94.7
≥ 1000	93.7	94.5	94.5	94.9	95.0	95.0	95.0	95.0	95.0	95.0	95.0	95.0	95.0	95.0	95.0	95.0
≥ 900	93.8	94.6	94.6	95.0	95.1	95.1	95.1	95.1	95.1	95.1	95.1	95.1	95.1	95.1	95.1	95.1
≥ 800	93.9	94.9	94.9	95.2	95.3	95.3	95.3	95.6	95.6	95.6	95.6	95.6	95.6	95.6	95.6	95.6
≥ 700	94.0	95.3	95.3	95.8	95.9	95.9	95.9	96.2	96.2	96.2	96.2	96.2	96.2	96.2	96.2	96.2
≥ 600	94.0	95.6	95.7	96.1	96.3	96.3	96.7	96.9	96.9	96.9	96.9	96.9	96.9	96.9	96.9	96.9
≥ 500	94.4	96.4	96.5	96.9	97.1	97.1	97.3	97.7	97.7	97.7	97.7	97.7	97.7	97.7	97.7	97.7
≥ 400	95.0	97.0	97.3	97.6	97.8	97.8	98.2	98.4	98.4	98.6	98.6	98.6	98.6	98.6	98.6	98.6
≥ 300	95.0	97.0	97.3	97.6	97.8	97.8	98.2	98.4	98.4	98.7	98.7	98.7	98.7	98.7	98.7	98.7
≥ 200	95.1	97.3	97.5	97.8	98.1	98.1	98.4	98.7	98.7	98.9	98.9	99.0	99.0	99.0	99.0	99.0
≥ 100	95.1	97.3	97.5	97.8	98.1	98.1	98.4	98.7	98.7	98.9	98.9	99.0	99.0	99.0	99.3	99.3
≥ 0	95.1	97.3	97.5	97.8	98.1	98.1	98.4	98.7	98.7	99.0	99.4	99.5	99.5	99.6	99.9	100.0

TOTAL NUMBER OF OBSERVATIONS 837

DATA PROCESSING DIVISION
USAF ETAC
AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

94010
STATION

GLASGOW MONTANA AFB
STATION NAME

59-67
YEAR

CT

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

0600-0800
HOURS

CEILING (FEET)	VISIBILITY (STATUTE MILES)															
	≥10	≥6	≥5	≥4	≥3	≥2½	≥2	≥1½	≥1¼	≥1	¾	¾	¾	¾	¾	≥0
NO CEILING	60.9	61.2	61.2	61.3	61.3	61.3	61.4	61.4	61.4	61.4	61.4	61.4	61.5	61.5	61.6	61.9
≥ 20000	68.1	68.5	68.5	68.6	68.6	68.6	68.7	68.7	68.7	68.7	68.7	68.7	68.8	68.8	69.2	69.3
≥ 18000	68.1	68.5	68.5	68.6	68.6	68.6	68.7	68.7	68.7	68.7	68.7	68.7	68.8	68.8	69.2	69.3
≥ 16000	68.1	68.5	68.5	68.6	68.6	68.6	68.7	68.7	68.7	68.7	68.7	68.7	68.8	68.8	69.2	69.3
≥ 14000	68.3	68.7	68.7	68.9	68.9	68.9	69.1	69.1	69.1	69.1	69.1	69.1	69.2	69.2	69.5	69.7
≥ 12000	71.2	71.6	71.6	71.8	71.8	71.8	71.9	71.9	71.9	71.9	71.9	71.9	72.0	72.0	72.4	72.5
≥ 10000	76.7	77.1	77.2	77.4	77.4	77.4	77.5	77.5	77.5	77.5	77.5	77.5	77.7	77.7	78.0	78.1
≥ 9000	77.8	78.1	78.3	78.5	78.5	78.5	78.6	78.6	78.6	78.6	78.6	78.6	78.7	78.7	79.1	79.2
≥ 8000	80.3	80.9	81.0	81.2	81.2	81.2	81.4	81.4	81.4	81.4	81.4	81.4	81.5	81.5	81.8	82.0
≥ 7000	81.8	82.4	82.6	82.8	82.8	82.8	82.9	82.9	82.9	82.9	82.9	82.9	83.0	83.0	83.4	83.5
≥ 6000	82.9	83.5	83.6	83.9	83.9	83.9	84.0	84.0	84.0	84.0	84.0	84.0	84.1	84.1	84.5	84.6
≥ 5000	84.7	85.3	85.4	85.7	85.7	85.7	85.8	85.8	85.8	85.8	85.8	85.8	85.9	85.9	86.3	86.4
≥ 4500	84.9	85.5	85.7	85.9	85.9	85.9	86.0	86.0	86.0	86.0	86.0	86.0	86.1	86.1	86.5	86.6
≥ 4000	85.2	85.9	86.1	86.4	86.4	86.4	86.5	86.5	86.5	86.5	86.5	86.5	86.6	86.6	87.0	87.1
≥ 3500	85.9	86.6	86.9	87.1	87.1	87.1	87.2	87.2	87.2	87.2	87.2	87.2	87.3	87.3	87.7	87.8
≥ 3000	86.5	87.2	87.5	87.7	87.7	87.7	87.8	87.8	87.8	87.8	87.8	87.8	87.9	87.9	88.3	88.4
≥ 2500	86.9	87.8	88.1	88.3	88.3	88.3	88.4	88.4	88.4	88.4	88.4	88.4	88.5	88.5	88.9	89.0
≥ 2000	88.1	89.0	89.2	89.5	89.5	89.5	89.6	89.6	89.6	89.6	89.6	89.6	89.8	89.8	90.2	90.3
≥ 1800	88.6	89.6	89.8	90.1	90.1	90.1	90.2	90.2	90.2	90.2	90.2	90.2	90.4	90.4	90.8	90.9
≥ 1500	89.6	90.7	90.9	91.2	91.2	91.2	91.3	91.3	91.3	91.3	91.3	91.3	91.5	91.5	91.9	92.0
≥ 1200	89.8	91.0	91.4	91.6	91.6	91.6	91.8	91.8	91.8	91.8	91.8	91.8	92.0	92.0	92.4	92.5
≥ 1000	90.3	91.5	91.9	92.1	92.1	92.1	92.2	92.2	92.2	92.2	92.2	92.2	92.5	92.5	92.8	93.0
≥ 900	90.8	92.0	92.4	92.6	92.6	92.6	92.7	92.8	92.8	92.8	92.8	92.8	93.1	93.1	93.4	93.5
≥ 800	90.9	92.1	92.5	92.7	92.7	92.7	92.8	93.0	93.0	93.0	93.0	93.0	93.2	93.2	93.5	93.7
≥ 700	91.2	92.5	93.1	93.3	93.3	93.3	93.4	93.5	93.5	93.5	93.5	93.5	93.8	93.8	94.1	94.3
≥ 600	91.4	92.7	93.2	93.7	94.0	94.0	94.3	94.5	94.5	94.5	94.5	94.5	94.7	94.7	95.1	95.2
≥ 500	91.5	93.2	93.8	94.1	94.5	94.5	94.7	95.0	95.0	95.0	95.0	95.0	95.2	95.2	95.6	95.7
≥ 400	92.1	93.9	94.5	94.9	95.2	95.2	95.5	95.8	95.8	96.2	96.3	96.3	96.5	96.5	96.9	97.0
≥ 300	92.1	93.9	94.6	95.0	95.3	95.3	95.6	95.9	95.9	96.4	96.5	96.5	96.8	96.8	97.3	97.4
≥ 200	92.2	94.1	95.0	95.3	95.8	95.8	96.1	96.4	96.4	96.9	97.0	97.0	97.3	97.3	97.7	97.8
≥ 100	92.3	94.4	95.2	95.6	96.3	96.3	96.5	96.9	96.9	97.4	98.0	98.0	98.2	98.2	98.7	99.0
≥ 0	92.3	94.4	95.2	95.6	96.3	96.3	96.5	97.0	97.0	97.5	98.1	98.1	98.6	98.6	99.0	100.0

TOTAL NUMBER OF OBSERVATIONS 837

2

DATA PROCESSING DIVISION
USAF ETAC
AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

94010
STATIONGLASGOW MONTANA AFB
STATION NAME59-67
YEARLCT
MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

0900-1100
HOURS

CEILING (FEET)	VISIBILITY (STATUTE MILES)															
	≥10	≥6	≥5	≥4	≥3	≥2½	≥2	≥1½	≥1¼	≥1	≥¾	≥½	≥¼	≥5/16	≥¼	≥0
NO CEILING	57.7	57.9	58.1	58.1	58.1	58.1	58.1	58.1	58.1	58.2	58.2	58.2	58.2	58.2	58.2	58.2
≥ 20000	68.8	69.1	69.2	69.2	69.2	69.2	69.3	69.3	69.3	69.4	69.4	69.4	69.4	69.4	69.4	69.4
≥ 18000	68.8	69.1	69.2	69.2	69.2	69.2	69.3	69.3	69.3	69.4	69.4	69.4	69.4	69.4	69.4	69.4
≥ 16000	68.8	69.1	69.2	69.2	69.2	69.2	69.3	69.3	69.3	69.4	69.4	69.4	69.4	69.4	69.4	69.4
≥ 14000	69.2	69.4	69.5	69.5	69.5	69.5	69.7	69.7	69.7	69.8	69.8	69.8	69.8	69.8	69.8	69.8
≥ 12000	72.4	72.6	72.8	72.8	72.8	72.8	72.9	72.9	72.9	73.0	73.0	73.0	73.0	73.0	73.0	73.0
≥ 10000	77.4	77.7	77.8	77.8	77.8	77.8	77.9	77.9	77.9	78.0	78.0	78.0	78.0	78.0	78.0	78.0
≥ 9000	79.2	79.5	79.6	79.6	79.6	79.6	79.7	79.7	79.7	79.8	79.8	79.8	79.8	79.8	79.8	79.8
≥ 8000	82.9	83.2	83.3	83.3	83.3	83.3	83.4	83.4	83.4	83.5	83.5	83.5	83.5	83.5	83.5	83.5
≥ 7000	83.0	83.4	83.5	83.5	83.5	83.5	83.6	83.6	83.6	83.6	83.6	83.6	83.6	83.6	83.6	83.6
≥ 6000	84.3	84.7	84.8	84.8	84.8	84.8	84.9	84.9	84.9	85.1	85.1	85.1	85.1	85.1	85.1	85.1
≥ 5000	85.5	86.0	86.3	86.3	86.3	86.3	86.4	86.4	86.4	86.5	86.5	86.5	86.5	86.5	86.5	86.5
≥ 4500	85.8	86.4	86.6	86.6	86.6	86.6	86.7	86.7	86.7	86.9	86.9	86.9	86.9	86.9	86.9	86.9
≥ 4000	86.3	86.9	87.1	87.1	87.1	87.1	87.2	87.2	87.2	87.3	87.3	87.3	87.3	87.3	87.3	87.3
≥ 3500	86.3	86.9	87.1	87.1	87.1	87.1	87.2	87.2	87.2	87.3	87.3	87.3	87.3	87.3	87.3	87.3
≥ 3000	86.7	87.3	87.7	87.7	87.7	87.7	87.8	87.8	87.8	87.9	87.9	87.9	87.9	87.9	87.9	87.9
≥ 2500	87.8	88.4	88.8	88.8	88.8	88.8	88.9	89.0	89.0	89.1	89.1	89.1	89.1	89.1	89.1	89.1
≥ 2000	89.0	89.8	90.2	90.2	90.2	90.2	90.3	90.4	90.4	90.6	90.6	90.6	90.6	90.6	90.6	90.6
≥ 1800	89.6	90.6	90.9	90.9	90.9	90.9	91.0	91.2	91.2	91.3	91.3	91.3	91.3	91.6	91.6	91.6
≥ 1500	90.7	91.6	92.2	92.2	92.2	92.2	92.4	92.5	92.5	92.6	92.6	92.6	92.6	93.0	93.0	93.0
≥ 1200	91.3	92.2	93.1	93.1	93.1	93.1	93.2	93.4	93.4	93.5	93.5	93.5	93.5	93.9	93.9	93.9
≥ 1000	92.1	93.4	94.5	94.5	94.5	94.5	94.6	94.9	94.9	95.0	95.0	95.0	95.0	95.3	95.3	95.3
≥ 900	92.4	93.7	94.7	94.7	94.7	94.7	94.9	95.1	95.1	95.2	95.2	95.2	95.2	95.6	95.6	95.6
≥ 800	92.8	94.1	95.2	95.2	95.2	95.2	95.3	95.6	95.6	95.7	95.7	95.7	95.7	96.1	96.1	96.1
≥ 700	93.3	94.6	95.7	95.7	95.7	95.7	95.8	96.1	96.1	96.2	96.2	96.2	96.2	96.5	96.5	96.5
≥ 600	93.5	95.0	96.1	96.1	96.1	96.1	96.7	96.9	96.9	97.0	97.1	97.1	97.1	97.5	97.5	97.5
≥ 500	93.8	95.3	96.5	96.5	96.5	96.5	97.1	97.4	97.4	97.5	97.5	97.5	97.5	98.0	98.0	98.0
≥ 400	93.8	95.3	96.5	96.5	96.5	96.5	97.1	97.4	97.4	97.5	97.5	97.5	97.5	98.0	98.0	98.0
≥ 300	93.8	95.6	96.8	96.8	97.0	97.0	97.6	97.8	97.8	98.0	98.2	98.2	98.2	98.9	98.9	98.9
≥ 200	93.8	95.6	96.9	96.9	97.1	97.1	97.7	98.0	98.0	98.1	98.7	98.7	98.7	99.4	99.4	99.4
≥ 100	93.8	95.6	96.9	96.9	97.1	97.1	97.7	98.0	98.0	98.1	98.9	98.9	98.9	99.8	99.8	100.0
≥ 0	93.8	95.6	96.9	96.9	97.1	97.1	97.7	98.0	98.0	98.1	98.9	98.9	98.9	99.8	99.8	100.0

TOTAL NUMBER OF OBSERVATIONS 837

USAFETAC

FORM
JUL 64

0-14-5 (OL 1) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

2

DATA PROCESSING DIVISION
USAF ETAC
AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

94010 STATION GLASGOW MONTANA AFB STATION NAME

59-67

YEARS

CT

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

1200-1400
HOURS, EST

CEILING (FEET)	VISIBILITY (STATUTE MILES)														
	≥10	≥6	≥5	≥4	≥3	≥2½	≥2	≥1½	≥1¼	≥1	≥¾	≥½	≥¼	≥5/16	≥0
NO CEILING	58.7	58.7	58.7	58.7	58.7	58.7	58.7	58.7	58.7	58.7	58.7	56.7	58.7	58.7	58.7
≥ 20000	72.3	72.3	72.3	72.3	72.3	72.3	72.3	72.3	72.3	72.3	72.3	72.3	72.3	72.3	72.3
≥ 18000	72.3	72.3	72.3	72.3	72.3	72.3	72.3	72.3	72.3	72.3	72.3	72.3	72.3	72.3	72.3
≥ 16000	72.3	72.3	72.3	72.3	72.3	72.3	72.3	72.3	72.3	72.3	72.3	72.3	72.3	72.3	72.3
≥ 14000	72.6	72.6	72.6	72.6	72.6	72.6	72.6	72.6	72.6	72.6	72.6	72.6	72.6	72.6	72.6
≥ 12000	75.5	75.5	75.5	75.5	75.5	75.5	75.5	75.5	75.5	75.5	75.5	75.5	75.5	75.5	75.5
≥ 10000	79.7	79.7	79.7	79.7	79.7	79.7	79.7	79.7	79.7	79.7	79.7	79.7	79.7	79.7	79.7
≥ 9000	81.2	81.2	81.2	81.2	81.2	81.2	81.2	81.2	81.2	81.2	81.2	81.2	81.2	81.2	81.2
≥ 8000	84.5	84.7	84.7	84.7	84.7	84.7	84.7	84.7	84.7	84.7	84.7	84.7	84.7	84.7	84.7
≥ 7000	85.2	85.4	85.4	85.4	85.4	85.4	85.4	85.4	85.4	85.4	85.4	85.4	85.4	85.4	85.4
≥ 6000	86.1	86.4	86.4	86.4	86.4	86.4	86.4	86.4	86.4	86.4	86.4	86.4	86.4	86.4	86.4
≥ 5000	87.6	87.9	87.9	87.9	87.9	87.9	87.9	87.9	87.9	87.9	87.9	87.9	87.9	87.9	87.9
≥ 4500	87.8	88.2	88.2	88.2	88.2	88.2	88.2	88.2	88.2	88.2	88.2	88.2	88.2	88.2	88.2
≥ 4000	88.6	89.0	89.0	89.0	89.0	89.0	89.0	89.0	89.0	89.0	89.0	89.0	89.0	89.0	89.0
≥ 3500	89.1	89.5	89.5	89.5	89.5	89.5	89.5	89.5	89.5	89.5	89.5	89.5	89.5	89.5	89.5
≥ 3000	89.6	90.0	90.0	90.0	90.0	90.0	90.0	90.0	90.0	90.0	90.0	90.0	90.0	90.0	90.0
≥ 2500	91.9	92.2	92.2	92.2	92.2	92.2	92.2	92.2	92.2	92.2	92.2	92.2	92.2	92.2	92.2
≥ 2000	92.5	93.0	93.0	93.0	93.0	93.0	93.0	93.0	93.0	93.0	93.1	93.1	93.2	93.2	93.2
≥ 1800	93.1	93.5	93.5	93.5	93.5	93.5	93.5	93.5	93.5	93.7	93.7	93.7	93.8	93.8	93.8
≥ 1600	93.5	94.0	94.0	94.0	94.0	94.0	94.0	94.0	94.0	94.1	94.1	94.1	94.3	94.3	94.3
≥ 1400	94.6	95.2	95.3	95.3	95.3	95.3	95.3	95.3	95.3	95.6	95.6	95.6	95.7	95.7	95.7
≥ 1200	95.5	96.5	96.7	96.7	96.7	96.7	96.9	97.0	97.0	97.1	97.1	97.1	97.3	97.3	97.3
≥ 1000	95.7	96.8	96.9	96.9	96.9	96.9	97.1	97.3	97.3	97.4	97.4	97.4	97.5	97.5	97.5
≥ 900	96.1	97.1	97.4	97.4	97.4	97.4	97.6	97.7	97.7	97.8	97.8	97.8	98.0	98.0	98.0
≥ 800	96.1	97.1	97.4	97.4	97.4	97.4	97.6	97.7	97.7	97.8	97.8	97.8	98.0	98.0	98.0
≥ 700	96.1	97.1	97.4	97.4	97.4	97.4	97.6	97.7	97.7	97.8	97.8	97.8	98.0	98.0	98.0
≥ 600	96.1	97.1	97.5	97.5	97.5	97.5	98.0	98.2	98.2	98.3	98.3	98.3	98.4	98.4	98.4
≥ 500	96.1	97.1	97.7	97.7	97.8	97.8	98.3	98.6	98.6	98.7	98.7	98.7	98.8	98.8	98.8
≥ 400	96.2	97.4	98.0	98.0	98.1	98.1	98.6	98.8	98.8	98.9	98.9	98.9	99.0	99.0	99.0
≥ 300	96.2	97.4	98.0	98.0	98.4	98.4	98.9	99.2	99.2	99.3	99.3	99.4	99.4	99.8	99.8
≥ 200	96.2	97.4	98.0	98.0	98.4	98.4	98.9	99.2	99.2	99.3	99.3	99.4	99.4	99.8	99.8
≥ 100	96.2	97.4	98.0	98.0	98.4	98.4	98.9	99.2	99.2	99.3	99.3	99.4	99.4	100.0	100.0
≥ 0	96.2	97.4	98.0	98.0	98.4	98.4	98.9	99.2	99.2	99.3	99.3	99.4	99.4	100.0	100.0

TOTAL NUMBER OF OBSERVATIONS 837

USAFETAC FORM 0-14-5 (OL 1) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

2
DATA PROCESSING DIVISION
USAF ETAC
AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

94010
STATION

GLASGOW MONTANA AFB
STATION NAME

59-67
YEARS

ACT

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

1500-1700

CEILING (FEET)	VISIBILITY (STATUTE MILES)															
	≥10	≥6	≥5	≥4	≥3	≥2½	≥2	≥1½	≥1¼	≥1	¾	¾	¾	≥5/16	¾	≥0
NO CEILING	55.1	55.6	55.7	55.7	55.7	55.7	55.7	55.7	55.7	55.7	55.7	55.7	55.7	55.7	55.7	55.7
≥ 20000	71.9	72.4	72.5	72.5	72.5	72.5	72.5	72.5	72.5	72.5	72.5	72.5	72.5	72.5	72.5	72.5
≥ 18000	71.9	72.4	72.5	72.5	72.5	72.5	72.5	72.5	72.5	72.5	72.5	72.5	72.5	72.5	72.5	72.5
≥ 16000	71.9	72.4	72.5	72.5	72.5	72.5	72.5	72.5	72.5	72.5	72.5	72.5	72.5	72.5	72.5	72.5
≥ 14000	72.2	72.6	72.8	72.8	72.8	72.8	72.8	72.8	72.8	72.8	72.8	72.8	72.8	72.8	72.8	72.8
≥ 12000	74.2	74.7	74.8	74.8	74.8	74.8	74.8	74.8	74.8	74.8	74.8	74.8	74.8	74.8	74.8	74.8
≥ 10000	79.8	80.3	80.4	80.4	80.4	80.4	80.4	80.4	80.4	80.4	80.4	80.4	80.4	80.4	80.4	80.4
≥ 9000	81.0	81.5	81.6	81.6	81.6	81.6	81.6	81.6	81.6	81.6	81.6	81.6	81.6	81.6	81.6	81.6
≥ 8000	83.6	84.3	84.5	84.5	84.5	84.5	84.5	84.5	84.5	84.5	84.5	84.5	84.5	84.5	84.5	84.5
≥ 7000	84.3	85.1	85.2	85.2	85.2	85.2	85.2	85.2	85.2	85.2	85.2	85.2	85.2	85.2	85.2	85.2
≥ 6000	85.5	86.3	86.4	86.4	86.4	86.4	86.4	86.4	86.4	86.4	86.4	86.4	86.4	86.4	86.4	86.4
≥ 5000	87.2	87.9	88.1	88.1	88.1	88.1	88.1	88.1	88.1	88.1	88.1	88.1	88.1	88.1	88.1	88.1
≥ 4500	87.9	88.6	88.8	88.8	88.8	88.8	88.8	88.8	88.8	88.8	88.8	88.8	88.8	88.8	88.8	88.8
≥ 4000	89.7	90.4	90.6	90.6	90.6	90.6	90.6	90.6	90.6	90.6	90.6	90.6	90.6	90.6	90.6	90.6
≥ 3500	90.0	90.7	90.8	90.8	90.8	90.8	90.8	90.8	90.8	90.8	90.8	90.8	90.8	90.8	90.8	90.8
≥ 3000	90.6	91.3	91.4	91.4	91.4	91.4	91.4	91.4	91.4	91.4	91.4	91.4	91.4	91.4	91.4	91.4
≥ 2500	92.5	93.2	93.3	93.3	93.3	93.3	93.3	93.3	93.3	93.3	93.3	93.3	93.3	93.3	93.3	93.3
≥ 2000	92.8	93.7	93.8	93.8	93.8	93.8	93.9	93.9	93.9	93.9	93.9	93.9	93.9	93.9	93.9	93.9
≥ 1800	93.5	94.4	94.5	94.6	94.6	94.6	94.7	94.7	94.7	94.7	94.7	94.7	94.7	94.7	94.7	94.7
≥ 1500	94.5	95.3	95.5	95.6	95.6	95.6	95.7	95.7	95.7	95.8	95.8	95.8	95.8	95.8	95.8	95.8
≥ 1200	95.9	96.8	96.9	97.3	97.3	97.3	97.4	97.4	97.4	97.5	97.5	97.5	97.5	97.5	97.5	97.5
≥ 1000	96.2	97.3	97.5	97.8	97.8	97.8	98.0	98.0	98.0	98.2	98.2	98.2	98.2	98.2	98.2	98.2
≥ 900	96.2	97.3	97.5	97.8	97.8	97.8	98.0	98.0	98.0	98.2	98.2	98.2	98.2	98.2	98.2	98.2
≥ 800	96.2	97.3	97.5	97.8	97.8	97.8	98.0	98.0	98.0	98.2	98.2	98.2	98.2	98.2	98.2	98.2
≥ 700	96.2	97.4	97.6	98.1	98.1	98.1	98.2	98.2	98.2	98.4	98.4	98.4	98.4	98.4	98.4	98.4
≥ 600	96.2	97.4	97.6	98.1	98.1	98.1	98.2	98.2	98.2	98.4	98.4	98.4	98.4	98.4	98.4	98.4
≥ 500	96.4	97.6	98.0	98.4	98.9	98.9	99.0	99.0	99.0	99.3	99.3	99.3	99.3	99.3	99.3	99.3
≥ 400	96.4	97.6	98.0	98.4	98.9	98.9	99.0	99.0	99.0	99.3	99.3	99.3	99.3	99.3	99.3	99.3
≥ 300	96.4	97.6	98.0	98.4	98.9	98.9	99.2	99.2	99.2	99.4	99.8	99.8	100.0	100.0	100.0	100.0
≥ 200	96.4	97.6	98.0	98.4	98.9	98.9	99.2	99.2	99.2	99.4	99.8	99.8	100.0	100.0	100.0	100.0
≥ 100	96.4	97.6	98.0	98.4	98.9	98.9	99.2	99.2	99.2	99.4	99.8	99.8	100.0	100.0	100.0	100.0
≥ 0	96.4	97.6	98.0	98.4	98.9	98.9	99.2	99.2	99.2	99.4	99.8	99.8	100.0	100.0	100.0	100.0

TOTAL NUMBER OF OBSERVATIONS 837

2
DATA PROCESSING DIVISION
USAF ETAC
AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

94010 STATION GLASGOW MONTANA AFB STATION NAME

59-67 YEARS

CT

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

1800-2000

CEILING (FEET)	VISIBILITY (STATUTE MILES)															
	≥ 10	≥ 6	≥ 5	≥ 4	≥ 3	≥ 2½	≥ 2	≥ 1½	≥ 1¼	≥ 1	≥ ¾	≥ ½	≥ ¼	≥ 1/16	≥ 1/8	≥ 0
NO CEILING	61.5	61.5	61.5	61.5	61.5	61.5	61.5	61.5	61.5	61.5	61.5	61.5	61.5	61.5	61.5	61.5
≥ 20000	74.3	74.4	74.8	74.8	74.8	74.8	74.8	74.8	74.8	74.8	74.8	74.8	74.8	74.8	74.8	74.8
≥ 18000	74.3	74.4	74.8	74.8	74.8	74.8	74.8	74.8	74.8	74.8	74.8	74.8	74.8	74.8	74.8	74.8
≥ 16000	74.3	74.4	74.8	74.8	74.8	74.8	74.8	74.8	74.8	74.8	74.8	74.8	74.8	74.8	74.8	74.8
≥ 14000	74.7	74.8	75.1	75.1	75.1	75.1	75.1	75.1	75.1	75.1	75.1	75.1	75.1	75.1	75.1	75.1
≥ 12000	76.8	76.9	77.3	77.3	77.3	77.3	77.3	77.3	77.3	77.3	77.3	77.3	77.3	77.3	77.3	77.3
≥ 10000	81.1	81.2	81.6	81.6	81.6	81.6	81.6	81.6	81.6	81.6	81.6	81.6	81.6	81.6	81.6	81.6
≥ 9000	83.6	83.8	84.1	84.1	84.1	84.1	84.1	84.1	84.1	84.1	84.1	84.1	84.1	84.1	84.1	84.1
≥ 8000	86.6	86.7	87.1	87.1	87.1	87.1	87.1	87.1	87.1	87.1	87.1	87.1	87.1	87.1	87.1	87.1
≥ 7000	87.6	87.7	88.1	88.1	88.1	88.1	88.1	88.1	88.1	88.1	88.1	88.1	88.1	88.1	88.1	88.1
≥ 6000	88.1	88.2	88.5	88.5	88.5	88.5	88.5	88.5	88.5	88.5	88.5	88.5	88.5	88.5	88.5	88.5
≥ 5000	89.7	89.8	90.2	90.2	90.2	90.2	90.2	90.2	90.2	90.2	90.2	90.2	90.2	90.2	90.2	90.2
≥ 4500	90.3	90.4	90.8	90.8	90.9	90.9	90.9	90.9	90.9	90.9	90.9	90.9	90.9	90.9	90.9	90.9
≥ 4000	92.5	92.6	93.1	93.2	93.3	93.3	93.3	93.3	93.3	93.3	93.3	93.3	93.3	93.3	93.3	93.3
≥ 3500	92.7	92.8	93.3	93.4	93.5	93.5	93.5	93.5	93.5	93.5	93.5	93.5	93.5	93.5	93.5	93.5
≥ 3000	93.4	93.5	94.0	94.3	94.4	94.4	94.4	94.4	94.4	94.4	94.4	94.4	94.4	94.4	94.4	94.4
≥ 2500	94.5	94.6	95.2	95.6	95.7	95.7	95.7	95.7	95.7	95.7	95.7	95.7	95.7	95.7	95.7	95.7
≥ 2000	94.9	95.2	95.8	96.2	96.3	96.3	96.3	96.3	96.3	96.3	96.3	96.3	96.3	96.3	96.3	96.3
≥ 1800	94.9	95.2	95.8	96.2	96.3	96.3	96.3	96.3	96.3	96.3	96.3	96.3	96.3	96.3	96.3	96.3
≥ 1500	95.8	96.2	96.8	97.1	97.3	97.3	97.3	97.3	97.3	97.3	97.3	97.3	97.3	97.3	97.3	97.3
≥ 1200	96.5	97.0	97.6	98.0	98.1	98.1	98.1	98.1	98.1	98.1	98.1	98.1	98.1	98.1	98.1	98.1
≥ 1000	97.1	97.6	98.2	98.6	98.7	98.7	98.7	98.7	98.7	98.7	98.7	98.7	98.7	98.7	98.7	98.7
≥ 900	97.1	97.6	98.2	98.6	98.7	98.7	98.7	98.7	98.7	98.7	98.7	98.7	98.7	98.7	98.7	98.7
≥ 800	97.1	97.6	98.2	98.6	98.7	98.7	98.7	98.7	98.7	98.7	98.7	98.7	98.7	98.7	98.7	98.7
≥ 700	97.1	97.6	98.2	98.7	98.8	98.8	98.8	98.8	98.8	98.8	98.8	98.8	98.8	98.8	98.8	98.8
≥ 600	97.1	97.6	98.2	98.7	98.9	98.9	99.0	99.0	99.0	99.0	99.0	99.0	99.0	99.0	99.0	99.0
≥ 500	97.1	97.6	98.2	98.7	98.9	98.9	99.0	99.0	99.0	99.0	99.0	99.0	99.0	99.0	99.0	99.0
≥ 400	97.1	97.6	98.2	98.7	98.9	98.9	99.0	99.0	99.0	99.0	99.0	99.0	99.0	99.0	99.0	99.0
≥ 300	97.1	97.6	98.2	98.7	98.9	98.9	99.0	99.0	99.0	99.0	99.0	99.0	99.0	99.0	99.0	99.0
≥ 200	97.1	97.6	98.2	98.7	98.9	98.9	99.0	99.0	99.0	99.0	99.0	99.0	99.0	99.0	99.0	99.0
≥ 100	97.1	97.6	98.2	98.7	98.9	98.9	99.0	99.0	99.0	99.0	99.0	99.0	99.0	99.0	99.0	99.0
≥ 0	97.1	97.6	98.2	98.7	98.9	98.9	99.0	99.0	99.0	99.0	99.0	99.0	99.0	99.0	99.0	99.0

TOTAL NUMBER OF OBSERVATIONS 837

2

DATA PROCESSING DIVISION
USAF ETAC
AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

94010
STATIONGLASGOW MONTANA AFB
STATION NAME59-67
YEARS

CT

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

2100-2300

CEILING (FEET)	VISIBILITY (STATUTE MILES)															
	≥ 10	≥ 6	≥ 5	≥ 4	≥ 3	≥ 2½	≥ 2	≥ 1½	≥ 1¼	≥ 1	≥ ¾	≥ ½	≥ ¼	≥ 1/10	≥ 1/20	≥ 0
NO CEILING	67.3	67.3	67.3	67.3	67.3	67.3	67.3	67.3	67.3	67.3	67.3	67.3	67.3	67.3	67.3	67.3
≥ 20000	76.3	76.3	76.3	76.3	76.3	76.3	76.3	76.3	76.3	76.3	76.3	76.3	76.3	76.3	76.3	76.3
≥ 18000	76.3	76.3	76.3	76.3	76.3	76.3	76.3	76.3	76.3	76.3	76.3	76.3	76.3	76.3	76.3	76.3
≥ 16000	76.3	76.3	76.3	76.3	76.3	76.3	76.3	76.3	76.3	76.3	76.3	76.3	76.3	76.3	76.3	76.3
≥ 14000	76.6	76.6	76.6	76.6	76.6	76.6	76.6	76.6	76.6	76.6	76.6	76.6	76.6	76.6	76.6	76.6
≥ 12000	77.7	77.7	77.7	77.7	77.7	77.7	77.7	77.7	77.7	77.7	77.7	77.7	77.7	77.7	77.7	77.7
≥ 10000	81.8	81.8	81.8	81.8	81.8	81.8	81.8	81.8	81.8	81.8	81.8	81.8	81.8	81.8	81.8	81.8
≥ 9000	83.3	83.3	83.3	83.3	83.3	83.3	83.3	83.3	83.3	83.3	83.3	83.3	83.3	83.3	83.3	83.3
≥ 8000	86.5	86.5	86.5	86.5	86.5	86.5	86.5	86.5	86.5	86.5	86.5	86.5	86.5	86.5	86.5	86.5
≥ 7000	86.7	86.7	86.7	86.7	86.7	86.7	86.7	86.7	86.7	86.7	86.7	86.7	86.7	86.7	86.7	86.7
≥ 6000	88.1	88.1	88.1	88.1	88.1	88.1	88.1	88.1	88.1	88.1	88.1	88.1	88.1	88.1	88.1	88.1
≥ 5000	89.7	89.7	89.7	89.7	89.7	89.7	89.7	89.7	89.7	89.7	89.7	89.7	89.7	89.7	89.7	89.7
≥ 4500	90.2	90.3	90.3	90.3	90.3	90.3	90.3	90.3	90.3	90.3	90.3	90.3	90.3	90.3	90.3	90.3
≥ 4000	92.1	92.2	92.2	92.2	92.2	92.2	92.2	92.2	92.2	92.2	92.2	92.2	92.2	92.2	92.2	92.2
≥ 3500	93.0	93.2	93.2	93.2	93.2	93.2	93.2	93.2	93.2	93.2	93.2	93.2	93.2	93.2	93.2	93.2
≥ 3000	94.0	94.3	94.3	94.3	94.3	94.3	94.3	94.3	94.3	94.3	94.3	94.3	94.3	94.3	94.3	94.3
≥ 2500	94.6	95.0	95.0	95.2	95.2	95.2	95.2	95.2	95.2	95.2	95.2	95.2	95.2	95.2	95.2	95.2
≥ 2000	95.3	95.7	95.7	95.9	95.9	95.9	95.9	95.9	95.9	95.9	95.9	95.9	95.9	95.9	95.9	95.9
≥ 1800	95.3	95.7	95.7	95.9	95.9	95.9	95.9	95.9	95.9	95.9	95.9	95.9	95.9	95.9	95.9	95.9
≥ 1500	96.9	97.4	97.4	97.6	97.6	97.6	97.6	97.6	97.6	97.6	97.6	97.6	97.6	97.6	97.6	97.6
≥ 1200	97.1	98.1	98.1	98.4	98.4	98.4	98.6	98.6	98.6	98.6	98.6	98.6	98.6	98.6	98.6	98.6
≥ 1000	97.4	98.3	98.4	98.8	98.8	98.8	98.9	98.9	98.9	98.9	98.9	98.9	98.9	98.9	98.9	98.9
≥ 900	97.4	98.3	98.4	98.8	98.8	98.8	98.9	98.9	98.9	98.9	98.9	98.9	98.9	98.9	98.9	98.9
≥ 800	97.5	98.4	98.6	98.9	98.9	98.9	99.0	99.0	99.0	99.0	99.0	99.0	99.0	99.0	99.0	99.0
≥ 700	97.5	98.4	98.6	98.9	98.9	98.9	99.0	99.0	99.0	99.0	99.0	99.0	99.0	99.0	99.0	99.0
≥ 600	97.5	98.4	98.6	98.9	98.9	98.9	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4
≥ 500	97.5	98.4	98.6	98.9	98.9	98.9	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4
≥ 400	97.5	98.4	98.6	98.9	98.9	98.9	99.5	99.5	99.5	99.5	99.5	99.5	99.5	99.5	99.5	99.5
≥ 300	97.6	98.6	98.7	99.0	99.0	99.0	99.6	99.6	99.6	99.6	99.8	99.8	99.8	99.8	99.8	99.8
≥ 200	97.6	98.6	98.7	99.0	99.0	99.0	99.6	99.6	99.6	99.6	99.8	99.8	99.8	99.8	99.8	99.8
≥ 100	97.6	98.6	98.7	99.0	99.0	99.0	99.6	99.6	99.6	99.6	99.8	99.8	99.8	99.8	99.8	99.8
≥ 0	97.6	98.6	98.7	99.0	99.0	99.0	99.6	99.6	99.6	99.6	99.8	99.8	99.8	99.8	99.8	99.8

TOTAL NUMBER OF OBSERVATIONS 837

USAFETAC FORM 0-14-5 (OL 1) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

DATA PROCESSING DIVISION
USAF ETAC
AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

94010 STATION GLASGOW MONTANA AFB

59-67

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

0000-0200

CEILING (FEET)	VISIBILITY (STATUTE MILES)															
	≥10	≥6	≥5	≥4	≥3	≥2.5	≥2	≥1.5	≥1	≥0.75	≥0.5	≥0.25	≥0.15	≥0.1	≥0.05	≥0
NO CEILING	60.5	60.7	61.0	61.0	61.0	61.0	61.0	61.0	61.0	61.0	61.0	61.0	61.0	61.1	61.1	61.1
≥ 20000	67.9	68.1	68.6	68.6	68.6	68.6	68.6	68.6	68.6	68.6	68.6	68.6	68.6	68.8	68.8	68.8
≥ 18000	67.9	68.1	68.6	68.6	68.6	68.6	68.6	68.6	68.6	68.6	68.6	68.6	68.6	68.8	68.8	68.8
≥ 16000	67.9	68.1	68.6	68.6	68.6	68.6	68.6	68.6	68.6	68.6	68.6	68.6	68.6	68.8	68.8	68.8
≥ 14000	68.1	68.4	68.9	68.9	68.9	68.9	68.9	68.9	68.9	68.9	68.9	68.9	68.9	69.0	69.0	69.0
≥ 12000	70.4	70.6	71.1	71.1	71.1	71.1	71.1	71.1	71.1	71.1	71.1	71.1	71.1	71.2	71.2	71.2
≥ 10000	74.8	75.1	75.6	75.6	75.7	75.7	75.7	75.7	75.7	75.7	75.7	75.7	75.7	75.8	75.8	75.8
≥ 9000	75.4	75.7	76.2	76.2	76.3	76.3	76.3	76.3	76.3	76.3	76.3	76.3	76.3	76.4	76.4	76.4
≥ 8000	76.8	77.0	77.5	77.5	77.9	77.9	77.9	77.9	77.9	77.9	77.9	77.9	77.9	78.0	78.0	78.0
≥ 7000	78.0	78.4	78.9	78.9	79.4	79.4	79.4	79.4	79.4	79.4	79.4	79.4	79.4	79.5	79.5	79.5
≥ 6000	80.5	81.0	81.5	81.5	82.0	82.0	82.0	82.0	82.0	82.0	82.0	82.0	82.0	82.1	82.1	82.1
≥ 5000	82.0	82.5	83.0	83.0	83.6	83.6	83.6	83.6	83.6	83.6	83.6	83.6	83.6	83.7	83.7	83.7
≥ 4500	82.0	82.5	83.0	83.0	83.6	83.6	83.6	83.6	83.6	83.6	83.6	83.6	83.6	83.7	83.7	83.7
≥ 4000	83.2	83.8	84.3	84.3	84.9	84.9	84.9	84.9	84.9	84.9	84.9	84.9	84.9	85.1	85.1	85.1
≥ 3500	83.5	84.1	84.6	84.6	85.2	85.2	85.2	85.2	85.2	85.2	85.2	85.2	85.2	85.3	85.3	85.3
≥ 3000	85.6	86.3	86.8	86.9	87.7	87.7	87.8	87.8	87.8	87.8	87.8	87.8	87.8	87.9	87.9	87.9
≥ 2500	86.5	87.4	87.9	88.0	88.8	88.8	88.9	88.9	88.9	88.9	88.9	88.9	88.9	89.0	89.0	89.0
≥ 2000	87.8	88.8	89.3	89.4	90.1	90.1	90.4	90.4	90.4	90.4	90.4	90.4	90.4	90.6	90.6	90.6
≥ 1800	87.9	88.9	89.4	89.5	90.2	90.2	90.5	90.5	90.5	90.5	90.5	90.5	90.5	90.7	90.7	90.7
≥ 1500	89.1	90.1	90.6	90.7	91.6	91.6	91.9	91.9	91.9	91.9	91.9	91.9	91.9	92.1	92.1	92.1
≥ 1200	89.4	90.4	91.0	91.1	92.0	92.0	92.2	92.2	92.2	92.2	92.2	92.2	92.2	92.5	92.5	92.5
≥ 1000	90.9	92.3	93.0	93.1	94.0	94.0	94.3	94.3	94.3	94.3	94.3	94.4	94.4	94.7	94.7	94.7
≥ 900	91.1	92.7	93.3	93.5	94.3	94.3	94.7	94.7	94.7	94.7	94.8	94.8	94.8	95.1	95.1	95.1
≥ 800	91.1	92.8	93.5	93.6	94.7	94.7	95.1	95.1	95.1	95.1	95.2	95.2	95.2	95.4	95.4	95.4
≥ 700	91.4	93.2	93.8	94.0	95.1	95.1	95.4	95.4	95.4	95.4	95.6	95.6	95.6	95.9	95.9	95.9
≥ 600	91.4	93.2	93.8	94.0	95.1	95.1	95.4	95.6	95.6	95.6	95.7	95.7	95.7	96.4	96.4	96.4
≥ 500	91.5	93.3	94.0	94.1	95.3	95.3	95.7	95.8	95.8	95.8	96.0	96.0	96.0	97.0	97.0	97.0
≥ 400	92.1	94.0	94.6	94.7	95.9	95.9	96.3	96.4	96.4	96.4	96.7	96.7	96.7	97.7	97.7	97.7
≥ 300	92.3	94.6	95.2	95.3	96.5	96.5	96.9	97.0	97.0	97.0	97.2	97.4	97.4	98.4	98.4	98.4
≥ 200	92.3	94.6	95.2	95.3	96.5	96.5	96.9	97.0	97.0	97.0	97.3	97.5	97.5	98.5	98.5	98.5
≥ 100	92.3	94.6	95.2	95.7	96.9	96.9	97.3	97.4	97.4	97.4	97.7	97.9	97.9	98.9	98.9	98.9
≥ 0	92.3	94.6	95.2	95.7	96.9	96.9	97.3	97.4	97.4	97.4	97.7	97.9	97.9	98.9	99.0	100.0

TOTAL NUMBER OF OBSERVATIONS 810

2

DATA PROCESSING DIVISION
USAF ETAC
AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

24010 STATION GLASGOW MONTANA AFB STATION NAME

59-67

YEAR

DAY

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

0300-0500

CEILING (FEET)	VISIBILITY STATUTE MILES															
	≥ 10	≥ 6	≥ 5	≥ 4	≥ 3	≥ 2.5	≥ 2	≥ 1.5	≥ 1.4	≥ 1	≥ .9	≥ .8	≥ .7	≥ .6	≥ .5	≥ 0
NO CEILING	55.7	55.9	56.2	56.2	56.2	56.2	56.2	56.2	56.2	56.2	56.2	56.2	56.2	56.5	56.5	57.2
≥ 20000	64.8	65.1	65.3	65.3	65.3	65.3	65.3	65.3	65.3	65.3	65.3	65.3	65.3	65.7	65.7	66.3
≥ 18000	64.8	65.1	65.3	65.3	65.3	65.3	65.3	65.3	65.3	65.3	65.3	65.3	65.3	65.7	65.7	66.3
≥ 16000	64.8	65.1	65.3	65.3	65.3	65.3	65.3	65.3	65.3	65.3	65.3	65.3	65.3	65.7	65.7	66.3
≥ 14000	64.8	65.1	65.3	65.3	65.3	65.3	65.3	65.3	65.3	65.3	65.3	65.3	65.3	65.7	65.7	66.3
≥ 12000	66.5	66.8	67.0	67.0	67.0	67.0	67.0	67.0	67.0	67.0	67.0	67.0	67.0	67.4	67.4	68.0
≥ 10000	70.5	70.7	71.0	71.0	71.0	71.0	71.0	71.0	71.0	71.0	71.0	71.0	71.0	71.4	71.4	72.0
≥ 9000	70.9	71.1	71.4	71.4	71.4	71.4	71.4	71.4	71.4	71.4	71.4	71.4	71.4	71.7	71.7	72.3
≥ 8000	72.1	72.3	72.6	72.6	72.6	72.6	72.6	72.6	72.6	72.6	72.6	72.6	72.6	73.0	73.0	73.6
≥ 7000	74.1	74.3	74.6	74.6	74.6	74.6	74.6	74.6	74.6	74.6	74.7	74.7	74.7	75.1	75.1	75.7
≥ 6000	77.4	77.9	78.1	78.1	78.1	78.1	78.1	78.1	78.1	78.3	78.3	78.3	78.3	78.6	78.6	79.3
≥ 5000	79.3	79.8	80.0	80.0	80.0	80.0	80.0	80.0	80.0	80.1	80.1	80.1	80.1	80.5	80.5	81.1
≥ 4500	79.6	80.1	80.4	80.4	80.4	80.4	80.4	80.4	80.4	80.5	80.5	80.5	80.5	80.9	80.9	81.5
≥ 4000	80.9	81.6	82.0	82.0	82.0	82.0	82.0	82.0	82.0	82.1	82.1	82.1	82.1	82.5	82.5	83.1
≥ 3500	81.4	82.1	82.6	82.6	82.6	82.6	82.6	82.6	82.6	82.7	82.7	82.7	82.7	83.1	83.1	83.7
≥ 3000	82.5	83.2	83.8	83.8	84.4	84.4	84.4	84.4	84.4	84.6	84.6	84.6	84.6	84.9	84.9	85.6
≥ 2500	84.2	84.9	85.7	85.7	86.4	86.4	86.4	86.4	86.4	86.5	86.5	86.5	86.5	86.9	86.9	87.5
≥ 2000	85.2	86.3	87.2	87.2	88.0	88.0	88.0	88.0	88.0	88.3	88.3	88.3	88.3	88.8	88.8	89.4
≥ 1800	86.0	87.0	87.9	87.9	88.8	88.8	88.8	88.8	88.8	89.0	89.0	89.0	89.0	89.5	89.5	90.1
≥ 1500	86.2	87.3	88.3	88.3	89.1	89.1	89.1	89.4	89.4	89.6	89.6	89.6	89.6	90.1	90.1	90.7
≥ 1200	86.8	88.1	89.1	89.3	90.1	90.1	90.4	90.4	90.4	90.6	90.6	90.6	90.6	91.1	91.1	91.7
≥ 1000	87.5	88.9	89.9	90.1	91.0	91.0	91.2	91.4	91.4	91.6	91.6	91.6	91.6	92.2	92.2	92.8
≥ 900	87.5	88.9	89.9	90.1	91.0	91.0	91.2	91.4	91.4	91.6	91.6	91.6	91.6	92.2	92.2	92.8
≥ 800	87.9	89.3	90.2	90.5	91.6	91.6	91.9	92.0	92.0	92.3	92.3	92.3	92.3	93.0	93.0	93.6
≥ 700	88.0	89.5	90.5	90.7	91.9	91.9	92.1	92.2	92.2	92.6	92.6	92.6	92.6	93.2	93.2	93.8
≥ 600	88.3	89.8	90.7	91.0	92.1	92.1	92.3	92.8	92.8	93.3	93.3	93.3	93.3	94.2	94.2	94.8
≥ 500	88.8	90.6	91.6	91.9	93.0	93.0	93.3	94.0	94.0	94.4	94.4	94.4	94.4	95.6	95.6	96.2
≥ 400	89.1	91.0	92.0	92.2	93.3	93.3	93.7	94.3	94.3	94.8	94.8	94.8	94.8	95.9	95.9	96.5
≥ 300	90.4	92.3	93.3	93.6	94.7	94.7	95.1	95.7	95.7	96.2	96.4	96.4	96.4	97.3	97.3	97.9
≥ 200	90.9	92.8	93.8	94.1	95.2	95.2	95.7	96.3	96.3	96.8	97.0	97.0	97.0	97.9	97.9	98.6
≥ 100	90.9	92.8	93.8	94.1	95.2	95.2	95.7	96.3	96.3	96.8	97.0	97.0	97.0	97.9	97.9	98.6
≥ 0	90.9	92.8	93.8	94.1	95.2	95.2	95.7	96.3	96.3	96.8	97.0	97.0	97.0	97.9	97.9	98.6

TOTAL NUMBER OF OBSERVATIONS 810

USAFETAC FORM 0-14.5 (01 1) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

DATA PROCESSING DIVISION
USAF ETAC
AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

94010 STATION GLASGOW MONTANA AFB

39-67 YEARS

NOV

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

0600-0800 HOURS, EST

CEILING (FEET)	VISIBILITY (STATUTE MILES)															
	≥ 10	≥ 6	≥ 5	≥ 4	≥ 3	≥ 2½	≥ 2	≥ 1½	≥ 1¼	≥ 1	≥ ¾	≥ ½	≥ ¼	≥ 5/16	≥ ¼	≥ 0
NO CEILING	53.0	53.5	53.7	53.7	53.7	53.7	53.7	53.7	53.7	53.7	53.7	53.7	53.7	54.0	54.0	54.1
≥ 20000	61.7	62.2	62.5	62.5	62.5	62.5	62.5	62.5	62.5	62.5	62.5	62.5	62.5	62.7	62.7	62.8
≥ 18000	61.7	62.2	62.5	62.5	62.5	62.5	62.5	62.5	62.5	62.5	62.5	62.5	62.5	62.7	62.7	62.8
≥ 16000	61.9	62.3	62.6	62.6	62.6	62.6	62.6	62.6	62.6	62.6	62.6	62.6	62.6	62.8	62.8	63.0
≥ 14000	62.3	62.8	63.1	63.1	63.1	63.1	63.1	63.1	63.1	63.1	63.1	63.1	63.1	63.3	63.3	63.5
≥ 12000	64.8	65.3	65.6	65.6	65.6	65.6	65.6	65.6	65.6	65.6	65.6	65.6	65.6	65.8	65.8	65.9
≥ 10000	69.5	70.0	70.2	70.2	70.2	70.2	70.2	70.2	70.2	70.2	70.2	70.2	70.2	70.5	70.5	70.6
≥ 9000	69.9	70.4	70.6	70.6	70.6	70.6	70.6	70.6	70.6	70.6	70.6	70.6	70.6	70.9	70.9	71.0
≥ 8000	72.0	72.6	72.8	72.8	72.8	72.8	72.8	72.8	72.8	72.8	72.8	72.8	72.8	73.1	73.1	73.2
≥ 7000	74.0	74.6	74.8	74.8	74.8	74.8	74.8	74.8	74.8	74.8	74.8	74.8	74.8	75.1	75.1	75.2
≥ 6000	76.3	77.0	77.3	77.3	77.3	77.3	77.3	77.3	77.3	77.3	77.3	77.3	77.3	77.5	77.5	77.7
≥ 5000	77.5	78.4	78.6	78.6	78.8	78.8	78.8	78.8	78.8	78.8	78.8	78.8	78.8	79.0	79.0	79.1
≥ 4500	78.1	79.1	79.4	79.4	79.5	79.5	79.5	79.5	79.5	79.5	79.5	79.5	79.5	79.8	79.8	79.9
≥ 4000	79.0	80.1	80.5	80.5	80.6	80.6	80.7	80.7	80.7	80.7	80.7	80.7	80.7	81.1	81.1	81.2
≥ 3500	79.9	81.1	81.7	81.7	81.9	81.9	82.0	82.0	82.1	82.1	82.1	82.1	82.1	82.5	82.5	82.6
≥ 3000	81.0	82.5	83.3	83.3	83.7	83.7	83.8	83.8	84.0	84.0	84.0	84.0	84.0	84.3	84.3	84.4
≥ 2500	82.6	84.1	84.9	85.1	85.4	85.4	85.6	85.6	85.7	85.7	85.7	85.7	85.7	86.0	86.0	86.2
≥ 2000	83.7	85.3	86.2	86.3	86.8	86.8	86.9	87.0	87.2	87.2	87.2	87.2	87.2	87.5	87.5	87.7
≥ 1800	83.8	85.4	86.3	86.4	86.9	86.9	87.0	87.2	87.3	87.3	87.3	87.3	87.3	87.7	87.7	87.8
≥ 1500	85.4	87.2	88.1	88.3	88.8	88.8	89.0	89.1	89.3	89.3	89.3	89.3	89.3	90.0	90.0	90.1
≥ 1200	85.9	87.7	88.6	88.8	89.3	89.3	89.5	89.6	89.8	90.0	90.1	90.1	90.1	90.5	90.5	90.6
≥ 1000	86.5	88.3	89.3	89.6	90.1	90.1	90.6	90.9	91.0	91.6	91.9	91.9	91.9	92.3	92.3	92.5
≥ 900	86.5	88.5	89.5	89.6	90.1	90.1	90.6	90.9	91.0	92.0	92.2	92.2	92.2	92.7	92.7	92.8
≥ 800	86.8	88.8	89.8	89.9	90.4	90.4	90.9	91.1	91.2	92.2	92.5	92.5	92.5	93.0	93.0	93.1
≥ 700	87.2	89.1	90.1	90.2	90.7	90.7	91.2	91.6	91.7	92.7	93.0	93.0	93.0	93.5	93.5	93.6
≥ 600	87.4	89.4	90.4	90.5	91.0	91.0	91.5	91.9	92.0	93.0	93.2	93.2	93.2	93.7	93.7	93.8
≥ 500	87.7	89.6	90.6	90.7	91.2	91.2	91.9	92.2	92.3	93.3	93.7	93.7	93.7	94.2	94.2	94.3
≥ 400	87.8	89.9	90.9	91.0	91.5	91.5	92.1	92.5	92.6	93.6	94.0	94.0	94.0	94.4	94.4	94.6
≥ 300	88.8	91.0	92.0	92.2	92.7	92.7	93.3	93.8	94.0	95.2	95.6	95.7	95.7	96.2	96.2	96.3
≥ 200	89.0	91.2	92.3	92.7	93.2	93.2	94.0	94.4	94.6	95.9	96.3	96.4	96.4	96.9	97.0	97.5
≥ 100	89.0	91.2	92.5	92.8	93.6	93.6	94.4	95.2	95.3	96.8	97.3	97.4	97.4	98.0	98.4	99.3
≥ 0	89.0	91.2	92.5	92.8	93.6	93.6	94.4	95.2	95.3	96.8	97.3	97.4	97.4	98.1	98.5	99.5

TOTAL NUMBER OF OBSERVATIONS 810

DATA PROCESSING DIVISION
USAF ETAC
AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

74010
STATION

GLASGOW MONTANA AFB
STATION NAME

59-67
YEARS

OCV

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

0900-1100

CEILING (FEET)	VISIBILITY (STATUTE MILES)															
	≥ 10	≥ 6	≥ 5	≥ 4	≥ 3	≥ 2.5	≥ 2	≥ 1.5	≥ 1	≥ 0.5	≥ 0.25	≥ 0.1	≥ 0.05	≥ 0.025	≥ 0.01	≥ 0
NO CEILING	48.9	49.1	49.4	49.4	49.4	49.4	49.4	49.4	49.4	49.4	49.4	49.4	49.4	49.4	49.4	49.4
≥ 20000	59.6	59.9	60.2	60.2	60.2	60.2	60.2	60.2	60.2	60.2	60.2	60.2	60.2	60.2	60.2	60.2
≥ 18000	59.8	60.0	60.4	60.4	60.4	60.4	60.4	60.4	60.4	60.4	60.4	60.4	60.4	60.4	60.4	60.4
≥ 16000	59.8	60.0	60.4	60.4	60.4	60.4	60.4	60.4	60.4	60.4	60.4	60.4	60.4	60.4	60.4	60.4
≥ 14000	60.9	61.1	61.5	61.5	61.5	61.5	61.5	61.5	61.5	61.5	61.5	61.5	61.5	61.5	61.5	61.5
≥ 12000	65.1	65.3	65.7	65.7	65.7	65.7	65.7	65.7	65.7	65.7	65.7	65.7	65.7	65.7	65.7	65.7
≥ 10000	70.2	70.3	70.9	70.9	70.9	70.9	70.9	70.9	70.9	70.9	70.9	70.9	70.9	70.9	70.9	70.9
≥ 9000	71.4	71.6	72.0	72.0	72.0	72.0	72.0	72.0	72.0	72.0	72.0	72.0	72.0	72.0	72.0	72.0
≥ 8000	75.2	75.6	75.9	75.9	75.9	75.9	75.9	75.9	75.9	75.9	75.9	75.9	75.9	75.9	75.9	75.9
≥ 7000	76.4	76.9	77.3	77.3	77.3	77.3	77.3	77.3	77.3	77.3	77.3	77.3	77.3	77.3	77.3	77.3
≥ 6000	78.3	78.9	79.3	79.3	79.3	79.3	79.3	79.3	79.3	79.3	79.3	79.3	79.3	79.3	79.3	79.3
≥ 5000	78.9	79.3	80.1	80.1	80.1	80.1	80.1	80.1	80.1	80.1	80.1	80.1	80.1	80.1	80.1	80.1
≥ 4500	79.3	80.1	80.9	80.9	80.9	80.9	80.9	80.9	80.9	80.9	80.9	80.9	80.9	80.9	80.9	80.9
≥ 4000	79.8	80.6	81.6	81.6	81.7	81.7	81.7	81.7	81.7	81.7	81.7	81.7	81.7	81.7	81.7	81.7
≥ 3500	80.7	81.6	82.6	82.6	82.7	82.7	82.7	82.7	82.7	82.7	82.7	82.7	82.7	82.7	82.7	82.7
≥ 3000	81.6	82.5	83.6	83.6	83.8	83.8	83.8	83.8	84.0	84.0	84.0	84.0	84.0	84.0	84.0	84.0
≥ 2500	82.3	83.6	84.7	84.8	85.1	85.1	85.1	85.1	85.2	85.2	85.2	85.2	85.2	85.2	85.2	85.2
≥ 2000	83.1	84.3	85.7	85.9	86.3	86.3	86.3	86.3	86.5	86.5	86.5	86.5	86.5	86.5	86.5	86.5
≥ 1800	83.5	84.7	86.0	86.3	86.7	86.7	86.7	86.9	86.9	87.0	87.0	87.0	87.0	87.0	87.0	87.0
≥ 1500	84.3	85.6	86.9	87.2	87.7	87.7	88.0	88.0	88.1	88.3	88.3	88.3	88.3	88.3	88.3	88.3
≥ 1200	85.9	87.2	88.5	88.8	89.3	89.4	89.8	89.8	89.9	90.0	90.0	90.0	90.0	90.0	90.0	90.0
≥ 1000	86.7	88.3	89.6	89.9	90.4	90.5	91.1	91.1	91.2	91.9	91.9	91.9	91.9	91.9	91.9	91.9
≥ 900	87.0	88.6	90.0	90.2	90.7	90.9	91.7	91.7	91.9	92.7	92.7	92.7	92.7	92.7	92.7	92.7
≥ 800	87.2	88.8	90.1	90.4	90.9	91.0	91.9	91.9	92.0	93.0	93.0	93.0	93.0	93.0	93.0	93.0
≥ 700	87.7	89.3	90.6	90.9	91.5	91.6	92.7	92.8	93.0	94.0	94.0	94.0	94.0	94.0	94.0	94.0
≥ 600	88.1	89.8	91.1	91.4	92.0	92.1	93.2	93.3	93.5	94.6	94.6	94.6	94.6	94.6	94.6	94.6
≥ 500	88.5	90.1	91.5	91.7	92.5	92.6	93.7	93.8	94.0	95.1	95.1	95.1	95.1	95.1	95.1	95.1
≥ 400	88.8	90.5	91.9	92.2	93.0	93.1	94.2	94.3	94.6	95.6	95.6	95.6	95.6	95.6	95.6	95.6
≥ 300	89.0	90.7	92.3	92.8	93.7	93.8	95.2	95.3	95.4	96.5	96.5	96.5	96.5	96.5	96.5	96.5
≥ 200	89.0	91.0	92.7	93.2	94.1	94.2	95.7	95.8	95.9	97.3	97.3	97.3	97.3	97.3	97.3	97.3
≥ 100	89.0	91.0	92.7	93.2	94.1	94.2	95.9	96.0	96.2	97.3	97.3	97.3	97.3	97.3	97.3	97.3
≥ 0	89.0	91.0	92.7	93.2	94.1	94.2	95.9	96.0	96.2	97.3	97.3	97.3	97.3	97.3	97.3	97.3

TOTAL NUMBER OF OBSERVATIONS 810

DATA PROCESSING DIVISION
USAF ETAC
AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

94010 STATION GLASGOW MONTANA AFB STATION NAME

59-67 YEARS

NDV MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

1200-1400 HOURS, LST

CEILING (FEET)	VISIBILITY (STATUTE MILES)															
	≥10	≥6	≥5	≥4	≥3	≥2½	≥2	≥1½	≥1¼	≥1	≥¾	≥½	≥¼	≥5/16	≥¼	≥0
NO CEILING	48.5	49.6	50.0	50.0	50.0	50.0	50.0	50.0	50.0	50.0	50.0	50.0	50.0	50.0	50.0	50.0
≥ 20000	60.7	61.9	62.2	62.2	62.2	62.2	62.3	62.5	62.5	62.5	62.5	62.5	62.5	62.5	62.5	62.5
≥ 18000	60.7	61.9	62.2	62.2	62.2	62.2	62.3	62.5	62.5	62.5	62.5	62.5	62.5	62.5	62.5	62.5
≥ 16000	61.0	62.1	62.5	62.5	62.5	62.5	62.7	62.7	62.7	62.7	62.7	62.7	62.7	62.7	62.7	62.7
≥ 14000	61.6	62.7	63.1	63.1	63.1	63.1	63.3	63.3	63.3	63.3	63.3	63.3	63.3	63.3	63.3	63.3
≥ 12000	63.1	66.2	66.5	66.5	66.5	66.5	66.8	66.8	66.8	66.8	66.8	66.8	66.8	66.8	66.8	66.8
≥ 10000	69.1	70.2	70.6	70.6	70.6	70.6	70.9	70.9	70.9	70.9	70.9	70.9	70.9	70.9	70.9	70.9
≥ 9000	69.9	71.0	71.4	71.4	71.4	71.4	71.6	71.6	71.6	71.6	71.6	71.6	71.6	71.6	71.6	71.6
≥ 8000	73.7	74.8	75.2	75.2	75.2	75.2	75.4	75.4	75.4	75.4	75.4	75.4	75.4	75.4	75.4	75.4
≥ 7000	75.9	77.2	77.5	77.5	77.5	77.7	77.7	77.9	77.9	77.9	77.9	77.9	77.9	77.9	77.9	77.9
≥ 6000	77.2	78.4	78.8	78.8	78.9	79.0	79.4	79.4	79.4	79.4	79.4	79.4	79.4	79.4	79.4	79.4
≥ 5000	77.7	78.9	79.3	79.3	79.5	79.6	80.0	80.0	80.0	80.0	80.0	80.0	80.0	80.0	80.0	80.0
≥ 4500	78.0	79.6	80.0	80.0	80.2	80.4	80.7	80.7	80.7	80.7	80.7	80.7	80.7	80.7	80.7	80.7
≥ 4000	78.4	80.1	80.5	80.5	80.7	80.9	81.2	81.2	81.2	81.2	81.2	81.2	81.2	81.2	81.2	81.2
≥ 3500	79.4	81.1	81.5	81.5	81.7	81.9	82.2	82.2	82.2	82.2	82.2	82.2	82.2	82.2	82.2	82.2
≥ 3000	81.2	83.0	83.3	83.3	83.7	84.0	84.3	84.3	84.3	84.3	84.3	84.3	84.3	84.3	84.3	84.3
≥ 2500	82.2	84.0	84.3	84.4	84.7	85.1	85.4	85.4	85.4	85.4	85.4	85.4	85.4	85.4	85.4	85.4
≥ 2000	84.0	85.8	86.2	86.4	86.7	87.0	87.4	87.4	87.4	87.7	87.7	87.7	87.8	87.8	87.8	87.8
≥ 1800	84.6	86.4	86.8	87.0	87.3	87.7	88.1	88.1	88.1	88.4	88.4	88.4	88.5	88.5	88.5	88.5
≥ 1500	85.7	87.7	88.1	88.4	88.6	89.1	89.6	89.6	89.6	90.0	90.0	90.0	90.1	90.1	90.1	90.1
≥ 1200	87.0	89.3	90.0	90.2	90.5	91.0	91.5	91.5	91.6	92.1	92.1	92.1	92.2	92.2	92.2	92.2
≥ 1000	87.9	90.9	92.0	92.2	92.5	93.0	93.5	93.5	93.6	94.3	94.4	94.4	94.8	94.8	94.9	94.9
≥ 900	87.9	90.9	92.0	92.2	92.5	93.0	93.5	93.5	93.6	94.3	94.4	94.4	94.8	94.8	94.9	94.9
≥ 800	88.6	91.6	92.7	93.1	93.3	93.8	94.3	94.3	94.4	95.2	95.6	95.6	95.9	95.9	96.0	96.0
≥ 700	89.0	92.2	93.3	93.8	94.1	94.6	95.1	95.1	95.2	96.0	96.4	96.4	96.8	96.8	96.9	96.9
≥ 600	89.3	92.5	93.6	94.1	94.3	94.8	95.3	95.3	95.4	96.4	96.8	96.8	97.2	97.2	97.3	97.3
≥ 500	89.4	92.7	93.8	94.3	94.6	95.1	95.6	95.6	95.7	96.8	97.2	97.2	97.8	97.8	97.9	97.9
≥ 400	89.5	92.8	94.1	94.6	94.8	95.3	95.8	95.8	95.9	97.0	97.4	97.4	98.0	98.0	98.3	98.3
≥ 300	89.5	92.8	94.1	94.6	94.8	95.3	95.9	95.9	96.0	97.3	97.7	97.7	98.3	98.3	98.5	98.5
≥ 200	89.5	92.8	94.3	94.8	95.1	95.6	96.2	96.2	96.3	97.7	98.0	98.0	98.8	98.8	99.4	99.6
≥ 100	89.5	92.8	94.3	94.8	95.1	95.6	96.2	96.2	96.3	97.7	98.0	98.0	98.8	98.8	99.4	99.8
≥ 0	89.5	92.8	94.3	94.8	95.1	95.6	96.2	96.2	96.3	97.7	98.0	98.0	98.8	98.8	99.4	100.0

TOTAL NUMBER OF OBSERVATIONS 810

2
DATA PROCESSING DIVISION
USAF ETAC
AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

94010 STATION GLASGOW MONTANA AFB STATION NAME

59-67 YEARS

NOV MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

1500-1700 HOURS LST

CEILING (FEET)	VISIBILITY (STATUTE MILES)															
	≥ 10	≥ 6	≥ 5	≥ 4	≥ 3	≥ 2½	≥ 2	≥ 1½	≥ 1¼	≥ 1	≥ ¾	≥ ½	≥ ¼	≥ 5/16	≥ ¼	≥ 0
NO CEILING	46.9	47.4	47.4	47.5	47.5	47.9	47.9	47.9	47.9	47.9	47.9	48.1	48.1	48.1	48.3	48.3
≥ 20000	62.2	62.8	63.2	63.3	63.3	63.7	63.7	63.7	63.7	63.7	63.7	64.0	64.0	64.0	64.1	64.1
≥ 18000	62.2	62.8	63.2	63.3	63.3	63.7	63.7	63.7	63.7	63.7	63.7	64.0	64.0	64.0	64.1	64.1
≥ 16000	62.3	63.0	63.3	63.5	63.5	63.8	63.8	63.8	63.8	63.8	63.8	64.1	64.1	64.1	64.2	64.2
≥ 14000	62.5	63.1	63.5	63.6	63.6	64.0	64.0	64.0	64.0	64.0	64.0	64.2	64.2	64.2	64.3	64.3
≥ 12000	66.5	67.4	67.8	67.9	67.9	68.3	68.3	68.3	68.3	68.3	68.3	68.5	68.5	68.5	68.6	68.6
≥ 10000	69.1	70.0	70.4	70.5	70.5	70.9	70.9	70.9	70.9	70.9	70.9	71.1	71.1	71.1	71.2	71.2
≥ 9000	69.8	70.6	71.0	71.1	71.1	71.5	71.5	71.6	71.6	71.6	71.6	71.9	71.9	71.9	72.0	72.0
≥ 8000	72.5	73.5	73.8	74.0	74.0	74.3	74.3	74.4	74.4	74.4	74.4	74.7	74.7	74.7	74.8	74.8
≥ 7000	74.3	75.3	75.7	75.8	75.8	76.2	76.2	76.3	76.3	76.3	76.3	76.5	76.5	76.5	76.7	76.7
≥ 6000	76.2	77.2	77.5	77.7	77.7	78.0	78.1	78.3	78.3	78.3	78.3	78.5	78.5	78.5	78.6	78.6
≥ 5000	77.2	78.3	78.6	78.8	78.9	79.3	79.3	79.6	79.6	79.6	79.6	79.9	79.9	79.9	80.0	80.0
≥ 4500	77.9	79.1	79.5	79.6	79.8	80.1	80.4	80.5	80.5	80.5	80.5	80.7	80.7	80.7	80.9	80.9
≥ 4000	79.1	80.4	80.7	80.9	81.1	81.5	81.9	82.0	82.0	82.0	82.0	82.2	82.2	82.2	82.3	82.3
≥ 3500	80.0	81.2	81.6	81.7	82.0	82.3	82.7	82.8	82.8	82.8	82.8	83.1	83.1	83.1	83.2	83.2
≥ 3000	80.7	82.1	82.5	82.6	82.8	83.2	83.6	83.7	83.7	83.7	83.8	84.1	84.1	84.1	84.2	84.2
≥ 2500	82.1	83.7	84.2	84.4	84.7	85.1	85.6	85.7	85.7	85.7	85.8	86.0	86.0	86.0	86.2	86.2
≥ 2000	84.6	86.3	86.9	87.2	87.4	87.8	88.3	88.5	88.5	88.5	88.8	89.0	89.0	89.0	89.1	89.1
≥ 1800	85.3	87.2	87.8	88.0	88.3	88.6	89.1	89.4	89.4	89.4	89.6	89.9	89.9	89.9	90.0	90.0
≥ 1500	86.8	88.8	89.4	89.8	90.1	90.5	91.0	91.2	91.2	91.2	91.6	91.9	91.9	91.9	92.0	92.0
≥ 1200	87.2	89.6	90.4	90.7	91.2	91.7	92.2	92.5	92.5	92.5	92.6	93.2	93.5	93.5	93.6	93.6
≥ 1000	88.0	91.0	91.7	92.2	92.7	93.2	93.7	94.0	94.0	94.0	94.2	94.8	95.1	95.2	95.3	95.3
≥ 900	88.0	91.0	91.7	92.2	92.7	93.2	93.7	94.1	94.1	94.3	94.9	95.2	95.4	95.4	95.6	95.6
≥ 800	88.1	91.1	91.9	92.5	93.0	93.5	94.1	94.4	94.4	94.8	95.4	95.7	96.2	96.2	96.3	96.3
≥ 700	88.9	91.9	92.7	93.5	94.0	94.4	95.1	95.4	95.4	95.8	96.4	96.7	97.2	97.2	97.3	97.3
≥ 600	88.9	91.9	92.7	93.6	94.1	94.7	95.3	95.7	95.7	96.0	96.7	96.9	97.4	97.4	97.5	97.5
≥ 500	89.0	92.0	92.8	93.7	94.2	94.8	95.4	95.8	95.8	96.3	96.9	97.2	97.9	97.9	98.0	98.0
≥ 400	89.0	92.2	93.2	94.1	94.6	95.2	95.8	96.2	96.2	96.7	97.3	97.5	98.3	98.3	98.4	98.4
≥ 300	89.0	92.3	93.3	94.2	94.7	95.3	95.9	96.3	96.3	96.8	97.4	97.7	98.4	98.4	98.5	98.5
≥ 200	89.0	92.3	93.3	94.3	94.8	95.4	96.0	96.4	96.4	96.9	97.8	98.0	98.8	98.8	99.0	99.0
≥ 100	89.0	92.3	93.3	94.3	94.8	95.4	96.0	96.4	96.4	96.9	97.9	98.1	99.0	99.0	99.3	99.3
≥ 0	89.0	92.3	93.3	94.3	94.8	95.4	96.0	96.4	96.4	96.9	97.9	98.1	99.0	99.0	99.4	100.0

TOTAL NUMBER OF OBSERVATIONS 810

2
DATA PROCESSING DIVISION
USAF ETAC
AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

STATION 94010 STATION NAME GLASGOW MONTANA AFB

59-67

YEARS

NOV
MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

1800-2000
HOURS LST

CEILING (FEET)	VISIBILITY (STATUTE MILES)															
	≥10	≥6	≥5	≥4	≥3	≥2½	≥2	≥1½	≥1¼	≥1	¾	¾	¾	¾	≥5/16	≥½
NO CEILING	55.1	55.6	55.8	55.8	55.8	55.8	55.9	55.9	55.9	55.9	55.9	55.9	55.9	55.9	55.9	55.9
≥ 20000	65.6	66.2	66.4	66.4	66.4	66.4	66.5	66.5	66.5	66.5	66.5	66.5	66.5	66.5	66.5	66.5
≥ 18000	65.6	66.2	66.4	66.4	66.4	66.4	66.5	66.5	66.5	66.5	66.5	66.5	66.5	66.5	66.5	66.5
≥ 16000	65.6	66.2	66.4	66.4	66.4	66.4	66.5	66.5	66.5	66.5	66.5	66.5	66.5	66.5	66.5	66.5
≥ 14000	65.6	66.2	66.4	66.4	66.4	66.4	66.5	66.5	66.5	66.5	66.5	66.5	66.5	66.5	66.5	66.5
≥ 12000	69.0	69.6	69.9	69.9	69.9	69.9	70.0	70.0	70.0	70.0	70.0	70.0	70.0	70.0	70.0	70.0
≥ 10000	74.4	75.1	75.3	75.3	75.3	75.3	75.4	75.4	75.4	75.4	75.4	75.4	75.4	75.4	75.4	75.4
≥ 9000	74.4	75.1	75.3	75.3	75.3	75.3	75.4	75.4	75.4	75.4	75.4	75.4	75.4	75.4	75.4	75.4
≥ 8000	75.7	76.3	76.5	76.5	76.5	76.5	76.7	76.7	76.7	76.7	76.7	76.7	76.7	76.7	76.7	76.7
≥ 7000	77.4	78.0	78.3	78.3	78.3	78.3	78.4	78.4	78.4	78.4	78.4	78.4	78.4	78.4	78.4	78.4
≥ 6000	78.4	79.0	79.3	79.3	79.3	79.3	79.4	79.4	79.4	79.4	79.4	79.4	79.4	79.4	79.4	79.4
≥ 5000	80.1	80.7	81.0	81.0	81.0	81.0	81.1	81.1	81.1	81.1	81.1	81.1	81.1	81.1	81.1	81.1
≥ 4500	80.6	81.2	81.5	81.5	81.5	81.5	81.6	81.6	81.6	81.6	81.6	81.6	81.6	81.6	81.6	81.6
≥ 4000	82.1	82.7	83.0	83.0	83.0	83.0	83.1	83.1	83.1	83.1	83.1	83.1	83.1	83.1	83.1	83.1
≥ 3500	83.2	84.0	84.2	84.2	84.2	84.2	84.3	84.3	84.3	84.3	84.3	84.3	84.3	84.3	84.3	84.3
≥ 3000	83.7	84.6	84.9	84.9	84.9	84.9	85.1	85.1	85.1	85.1	85.1	85.1	85.1	85.1	85.1	85.1
≥ 2500	85.6	86.9	87.4	87.4	87.4	87.4	87.5	87.5	87.5	87.5	87.5	87.5	87.5	87.5	87.5	87.5
≥ 2000	86.4	87.9	88.6	88.6	88.6	88.6	88.8	88.8	88.8	88.8	88.8	88.8	88.8	88.8	88.8	88.8
≥ 1800	87.0	88.5	89.3	89.3	89.3	89.3	89.4	89.4	89.4	89.4	89.4	89.4	89.4	89.4	89.4	89.4
≥ 1500	89.3	91.2	92.1	92.1	92.2	92.2	92.3	92.6	92.6	92.6	92.6	92.6	92.6	92.6	92.6	92.6
≥ 1200	90.2	92.2	93.2	93.2	93.3	93.3	93.3	93.8	93.8	93.8	93.8	93.8	93.8	93.8	93.8	93.8
≥ 1000	91.2	93.6	94.6	94.6	94.7	94.8	95.1	95.4	95.4	95.9	95.9	95.9	96.0	96.0	96.0	96.0
≥ 900	91.4	93.7	94.7	94.7	94.8	94.9	95.2	95.6	95.6	96.0	96.0	96.0	96.2	96.2	96.2	96.2
≥ 800	91.4	93.7	94.7	94.7	94.8	94.9	95.2	95.6	95.6	96.0	96.0	96.0	96.2	96.2	96.2	96.2
≥ 700	91.5	93.8	94.8	94.8	94.9	95.1	95.3	95.7	95.7	96.2	96.2	96.2	96.3	96.3	96.3	96.3
≥ 600	91.9	94.2	95.2	95.2	95.2	95.4	95.8	96.2	96.2	96.7	96.7	96.7	96.8	96.8	96.8	96.8
≥ 500	92.5	94.8	95.8	95.8	95.9	96.0	96.4	96.8	96.8	97.3	97.4	97.4	97.7	97.7	97.7	97.7
≥ 400	92.7	95.1	96.0	96.0	96.2	96.3	96.8	97.3	97.3	97.8	97.9	97.9	98.1	98.1	98.1	98.1
≥ 300	92.7	95.1	96.2	96.2	96.3	96.4	96.9	97.4	97.4	97.9	98.0	98.0	98.3	98.3	98.3	98.3
≥ 200	92.7	95.1	96.2	96.2	96.3	96.4	97.0	97.5	97.5	98.0	98.3	98.3	98.6	98.6	98.6	98.6
≥ 100	92.7	95.1	96.3	96.3	96.4	96.5	97.2	97.7	97.7	98.1	98.5	98.5	99.3	99.3	99.3	99.3
≥ 0	92.7	95.1	96.3	96.3	96.4	96.5	97.2	97.7	97.7	98.1	98.5	98.5	99.3	99.3	99.4	100.0

TOTAL NUMBER OF OBSERVATIONS 810

DATA PROCESSING DIVISION
USAF ETAC
AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

94010
STATION

GLASGOW MONTANA AFB
STATION NAME

59-67
YEARS

NOV
MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

2100-2300
HOURS

CEILING (FEET)	VISIBILITY (STATUTE MILES)															
	≥10	≥6	≥5	≥4	≥3	≥2½	≥2	≥1½	≥1¼	≥1	¾	¾	¾	¾	≥5/16	≥½
NO CEILING	58.3	58.9	59.0	59.0	59.0	59.0	59.0	59.0	59.0	59.0	59.0	59.0	59.0	59.0	59.0	59.0
≥ 20000	66.7	67.3	67.5	67.5	67.7	67.7	67.7	67.7	67.7	67.7	67.7	67.7	67.7	67.7	67.7	67.7
≥ 18000	66.7	67.3	67.5	67.5	67.7	67.7	67.7	67.7	67.7	67.7	67.7	67.7	67.7	67.7	67.7	67.7
≥ 16000	66.7	67.3	67.5	67.5	67.7	67.7	67.7	67.7	67.7	67.7	67.7	67.7	67.7	67.7	67.7	67.7
≥ 14000	67.5	68.1	68.4	68.4	68.5	68.5	68.5	68.5	68.5	68.5	68.5	68.5	68.5	68.5	68.5	68.5
≥ 12000	69.4	70.0	70.2	70.2	70.4	70.4	70.4	70.4	70.4	70.4	70.4	70.4	70.4	70.4	70.4	70.4
≥ 10000	74.2	74.8	75.3	75.3	75.4	75.4	75.4	75.4	75.4	75.4	75.4	75.6	75.6	75.6	75.6	75.6
≥ 9000	74.3	74.9	75.4	75.4	75.6	75.6	75.6	75.6	75.6	75.6	75.6	75.7	75.7	75.7	75.7	75.7
≥ 8000	76.5	77.2	77.7	77.7	77.8	77.8	77.8	77.8	77.8	77.8	77.8	77.9	77.9	77.9	77.9	77.9
≥ 7000	78.1	78.8	79.3	79.3	79.4	79.4	79.4	79.4	79.4	79.4	79.4	79.5	79.5	79.5	79.5	79.5
≥ 6000	79.3	79.9	80.4	80.4	80.5	80.5	80.5	80.5	80.5	80.5	80.5	80.6	80.6	80.6	80.6	80.6
≥ 5000	81.7	82.3	82.8	82.8	83.0	83.0	83.0	83.0	83.0	83.0	83.0	83.1	83.1	83.1	83.1	83.1
≥ 4500	82.3	83.0	83.5	83.5	83.6	83.6	83.6	83.6	83.6	83.6	83.6	83.7	83.7	83.7	83.7	83.7
≥ 4000	84.6	85.2	85.7	85.7	85.8	85.8	85.8	85.8	85.8	85.8	85.8	85.9	85.9	85.9	85.9	85.9
≥ 3500	84.8	85.4	85.9	85.9	86.0	86.0	86.0	86.0	86.0	86.0	86.0	86.2	86.2	86.2	86.2	86.2
≥ 3000	87.4	88.5	89.0	89.0	89.1	89.1	89.1	89.1	89.1	89.1	89.1	89.3	89.3	89.3	89.3	89.3
≥ 2500	87.8	89.1	89.6	89.6	89.9	89.9	89.9	89.9	89.9	89.9	89.9	90.0	90.0	90.0	90.0	90.0
≥ 2000	89.0	90.5	91.0	91.1	91.4	91.4	91.4	91.4	91.4	91.4	91.4	91.5	91.5	91.5	91.5	91.5
≥ 1800	89.6	91.2	91.9	92.0	92.2	92.2	92.2	92.2	92.2	92.2	92.2	92.3	92.3	92.3	92.3	92.3
≥ 1500	91.0	92.7	93.3	93.5	93.7	93.7	93.8	93.8	93.8	93.8	93.8	94.0	94.0	94.0	94.0	94.0
≥ 1200	91.2	93.0	93.6	93.7	94.1	94.1	94.2	94.2	94.2	94.2	94.2	94.3	94.3	94.3	94.3	94.3
≥ 1000	92.0	93.8	94.4	94.6	95.1	95.1	95.2	95.2	95.2	95.2	95.3	95.4	95.4	95.4	95.4	95.4
≥ 900	92.0	93.8	94.4	94.6	95.1	95.1	95.2	95.2	95.2	95.2	95.3	95.4	95.4	95.4	95.4	95.4
≥ 800	92.1	94.0	94.6	94.7	95.2	95.2	95.4	95.4	95.4	95.4	95.6	96.0	96.0	96.3	96.3	96.3
≥ 700	92.3	94.2	94.8	94.9	95.4	95.4	95.7	95.7	95.7	95.7	95.8	96.3	96.3	96.5	96.5	96.5
≥ 600	92.6	94.6	95.3	95.6	96.0	96.0	96.3	96.3	96.3	96.3	96.4	96.9	96.9	97.2	97.2	97.2
≥ 500	93.1	95.3	96.0	96.3	96.8	96.8	97.0	97.0	97.0	97.0	97.2	97.7	97.7	97.9	97.9	97.9
≥ 400	93.3	95.6	96.3	96.5	97.0	97.0	97.3	97.3	97.3	97.3	97.4	97.7	97.7	98.1	98.1	98.1
≥ 300	93.3	95.6	96.3	96.5	97.0	97.0	97.3	97.3	97.3	97.3	97.4	97.7	97.7	98.1	98.1	98.1
≥ 200	93.3	95.6	96.3	96.5	97.0	97.0	97.3	97.3	97.3	97.3	97.4	97.7	97.7	98.1	98.1	98.1
≥ 100	93.3	95.6	96.3	96.5	97.0	97.0	97.3	97.3	97.3	97.3	97.4	97.7	97.7	98.1	98.1	98.1
≥ 0	93.3	95.6	96.3	96.5	97.0	97.0	97.3	97.3	97.3	97.3	97.4	97.7	97.7	98.1	98.1	98.1

TOTAL NUMBER OF OBSERVATIONS 810

DATA PROCESSING DIVISION
USAF ETAC
AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

94010 STATION GLASGOW MONTANA AFB

59-67

DEC

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

0000-0200

CEILING (FEET)	VISIBILITY (STATUTE MILES)															
	≥ 10	≥ 6	≥ 5	≥ 4	≥ 3	≥ 2.5	≥ 2	≥ 1.5	≥ 1	≥ .5	≥ .5	≥ .5	≥ .5	≥ 1.0	≥ .5	≥ 0
NO CEILING	52.2	52.4	52.8	53.0	53.2	53.2	53.2	53.3	53.4	53.5	53.6	53.6	53.8	53.8	54.0	54.1
≥ 20000	61.8	62.0	62.4	62.6	62.7	62.7	62.7	62.8	63.0	63.1	63.2	63.2	63.4	63.4	63.7	63.8
≥ 18000	61.8	62.0	62.4	62.6	62.7	62.7	62.7	62.8	63.0	63.1	63.2	63.2	63.4	63.4	63.7	63.8
≥ 16000	61.8	62.0	62.4	62.6	62.7	62.7	62.7	62.8	63.0	63.1	63.2	63.2	63.4	63.4	63.7	63.8
≥ 14000	61.8	62.0	62.4	62.6	62.7	62.7	62.7	62.8	63.0	63.1	63.2	63.2	63.4	63.4	63.7	63.8
≥ 12000	62.6	62.8	63.2	63.4	63.6	63.6	63.6	63.7	63.8	63.9	64.0	64.0	64.2	64.3	64.5	64.6
≥ 10000	67.5	67.7	68.1	68.3	68.5	68.5	68.5	68.6	68.7	68.8	68.9	68.9	69.2	69.2	69.4	69.5
≥ 9000	68.9	69.2	69.3	69.8	69.9	69.9	69.9	70.0	70.1	70.3	70.4	70.4	70.6	70.6	70.8	71.0
≥ 8000	70.5	70.8	71.3	71.8	72.0	72.0	72.0	72.2	72.3	72.4	72.5	72.5	72.9	72.9	73.1	73.2
≥ 7000	72.0	72.4	72.9	73.4	73.6	73.6	73.6	73.7	73.8	74.0	74.1	74.1	74.4	74.4	74.7	74.8
≥ 6000	73.0	73.4	73.8	74.3	74.6	74.6	74.6	74.7	74.8	74.9	75.0	75.0	75.4	75.4	75.6	75.7
≥ 5000	74.0	74.6	75.1	75.6	76.1	76.1	76.1	76.2	76.3	76.5	76.6	76.6	76.9	76.9	77.2	77.3
≥ 4500	74.6	75.1	75.7	76.2	76.7	76.7	76.7	76.8	76.9	77.1	77.3	77.3	77.7	77.7	77.9	78.0
≥ 4000	75.7	76.3	77.3	77.8	78.5	78.5	78.5	78.6	78.7	78.9	79.2	79.2	79.6	79.6	79.8	79.9
≥ 3500	76.2	77.2	78.0	78.5	79.2	79.2	79.2	79.3	79.5	79.6	79.9	79.9	80.3	80.3	80.5	80.6
≥ 3000	76.8	78.0	79.0	79.5	80.3	80.3	80.3	80.4	80.5	80.6	81.0	81.0	81.4	81.4	81.6	81.7
≥ 2500	77.8	79.0	80.0	80.5	81.4	81.4	81.4	81.5	81.6	81.7	82.1	82.1	82.4	82.4	82.7	82.8
≥ 2000	78.6	79.8	80.9	81.4	82.2	82.4	82.4	82.7	82.8	82.9	83.3	83.3	83.6	83.6	83.9	84.0
≥ 1800	79.0	80.4	81.5	82.0	82.8	83.0	83.2	83.4	83.5	83.6	84.0	84.0	84.3	84.3	84.6	84.7
≥ 1500	80.2	81.6	82.7	83.2	84.0	84.2	84.3	84.6	84.7	84.8	85.3	85.4	85.8	85.8	86.0	86.1
≥ 1200	80.5	82.0	83.0	83.5	84.3	84.6	84.7	84.9	85.1	85.2	85.7	85.8	86.5	86.5	86.7	86.9
≥ 1000	81.8	83.6	85.2	85.8	86.7	87.0	87.1	87.5	87.6	87.7	88.2	88.3	89.0	89.4	89.6	89.7
≥ 900	82.3	84.1	85.7	86.3	87.2	87.3	87.6	87.9	88.1	88.2	88.9	89.0	89.7	90.1	90.3	90.4
≥ 800	82.9	84.7	86.3	87.0	87.9	88.2	88.3	88.6	88.8	88.9	89.6	90.0	90.7	91.0	91.3	91.4
≥ 700	83.2	85.1	86.7	87.5	88.4	88.6	88.8	89.1	89.2	89.4	90.1	90.4	91.2	91.5	91.8	91.9
≥ 600	83.8	85.7	87.3	88.2	89.1	89.3	89.5	90.2	90.3	90.6	91.3	91.6	92.4	92.7	93.0	93.1
≥ 500	84.3	86.3	87.9	88.8	89.7	90.1	90.4	91.0	91.2	91.4	92.5	92.8	93.8	94.1	94.6	94.7
≥ 400	84.6	86.3	88.2	89.0	90.0	90.3	90.8	91.6	92.1	92.4	93.4	93.8	94.7	95.1	95.6	95.7
≥ 300	84.6	86.3	88.2	89.0	90.0	90.4	90.9	91.9	92.4	92.8	94.4	94.7	95.8	96.2	96.7	96.8
≥ 200	84.6	86.3	88.2	89.0	90.0	90.4	90.9	91.9	92.4	92.8	94.4	94.7	95.8	96.2	96.7	96.8
≥ 100	84.6	86.3	88.2	89.1	90.2	90.7	91.2	92.2	92.7	94.1	95.3	95.8	97.1	97.6	98.2	98.8
≥ 0	84.6	86.3	88.2	89.1	90.2	90.7	91.2	92.2	92.7	94.1	95.3	95.8	97.3	97.7	98.3	100.0

TOTAL NUMBER OF OBSERVATIONS 837

DATA PROCESSING DIVISION
USAF ETAC
AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

96010
STATION

GLASGOW MONTANA AFB
STATION NAME

59-67
YEARS

DEC
MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

0300-0500
HOURS

CEILING (FEET)	VISIBILITY (STATUTE MILES)															
	≥ 10	≥ 6	≥ 5	≥ 4	≥ 3	≥ 2½	≥ 2	≥ 1½	≥ 1¼	≥ 1	≥ ¾	≥ ½	≥ ¼	≥ 5 16	≥ ¼	≥ 0
NO CEILING	55.6	56.2	56.6	56.9	57.1	57.1	57.1	57.2	57.2	57.6	57.9	57.9	58.1	58.1	58.2	58.7
≥ 20000	64.9	65.6	66.2	66.4	66.8	66.8	66.8	66.9	66.9	67.3	67.6	67.6	67.7	67.7	67.9	68.3
≥ 18000	64.9	65.6	66.2	66.4	66.8	66.8	66.8	66.9	66.9	67.3	67.6	67.6	67.7	67.7	67.9	68.3
≥ 16000	64.9	65.6	66.2	66.4	66.8	66.8	66.8	66.9	66.9	67.3	67.6	67.6	67.7	67.7	67.9	68.3
≥ 14000	64.9	65.6	66.2	66.4	66.8	66.8	66.8	66.9	66.9	67.3	67.6	67.6	67.7	67.7	67.9	68.3
≥ 12000	65.6	66.3	66.9	67.1	67.5	67.5	67.5	67.6	67.6	68.0	68.3	68.3	68.5	68.5	68.6	69.1
≥ 10000	69.7	70.5	71.1	71.3	71.7	71.7	71.7	71.8	71.8	72.2	72.5	72.5	72.6	72.6	72.8	73.2
≥ 9000	70.4	71.2	71.8	72.0	72.4	72.4	72.4	72.5	72.5	72.9	73.2	73.2	73.4	73.4	73.5	74.0
≥ 8000	72.4	73.2	74.0	74.3	74.7	74.7	74.7	74.8	74.8	75.1	75.5	75.5	75.6	75.6	75.7	76.2
≥ 7000	73.5	74.3	75.0	75.4	75.7	75.7	75.7	75.9	75.9	76.2	76.6	76.6	76.8	76.8	76.9	77.4
≥ 6000	74.3	75.1	75.9	76.2	76.7	76.7	76.7	76.8	76.8	77.2	77.5	77.5	77.8	77.8	77.9	78.4
≥ 5000	76.0	76.8	77.5	77.9	78.9	78.9	78.9	79.0	79.0	79.3	79.7	79.7	79.9	79.9	80.0	80.5
≥ 4500	76.3	77.2	77.9	78.3	79.2	79.2	79.2	79.3	79.3	79.7	80.0	80.0	80.3	80.3	80.4	80.9
≥ 4000	77.9	78.9	79.7	80.2	81.4	81.4	81.4	81.5	81.5	82.0	82.3	82.3	82.6	82.6	82.7	83.2
≥ 3500	77.9	78.9	79.7	80.2	81.4	81.4	81.4	81.5	81.5	82.0	82.3	82.3	82.6	82.6	82.7	83.2
≥ 3000	78.4	79.3	80.2	80.6	81.8	81.8	81.8	82.0	82.0	82.4	82.8	82.8	83.0	83.0	83.2	83.6
≥ 2500	78.7	79.7	80.6	81.1	82.3	82.3	82.3	82.4	82.4	82.9	83.3	83.3	83.5	83.5	83.6	84.1
≥ 2000	80.3	81.4	82.7	83.6	84.8	84.8	84.8	84.9	84.9	85.4	85.9	85.9	86.1	86.1	86.3	86.7
≥ 1800	81.0	82.1	83.4	84.3	85.5	85.5	85.5	85.7	85.7	86.1	86.7	86.7	87.0	87.0	87.1	87.6
≥ 1500	81.5	82.6	83.9	84.8	86.3	86.3	86.4	86.5	86.5	87.0	87.7	87.7	87.9	87.9	88.1	88.5
≥ 1200	81.5	82.6	83.9	84.8	86.3	86.3	86.4	86.5	86.5	87.0	87.7	87.7	88.1	88.1	88.2	88.6
≥ 1000	82.0	83.0	84.7	85.7	87.1	87.1	87.3	87.5	87.5	87.9	88.6	88.6	89.1	89.1	89.4	90.0
≥ 900	82.6	83.6	85.4	86.4	87.8	87.8	88.1	88.2	88.2	88.6	89.4	89.4	89.8	89.8	90.1	90.7
≥ 800	83.9	85.1	86.9	87.8	89.2	89.2	89.5	89.6	89.6	90.1	90.8	90.8	91.3	91.3	91.6	92.1
≥ 700	83.9	85.3	87.1	88.1	89.6	89.6	89.8	90.0	90.0	90.6	91.5	91.5	92.0	92.2	92.4	92.8
≥ 600	84.0	85.5	87.7	88.6	90.2	90.2	90.4	90.6	90.6	91.2	92.1	92.1	92.6	93.0	93.1	93.5
≥ 500	84.3	85.9	88.1	89.0	90.6	90.6	90.9	91.0	91.0	91.9	92.8	92.8	93.3	93.7	93.8	94.3
≥ 400	84.9	86.5	88.6	89.6	91.2	91.2	91.5	91.6	91.6	92.5	93.4	93.4	94.0	94.4	94.5	95.0
≥ 300	85.2	86.9	89.1	90.1	91.6	91.6	92.0	92.4	92.4	93.4	94.3	94.3	95.2	95.6	95.9	96.4
≥ 200	85.2	86.9	89.5	90.4	92.0	92.0	92.4	92.7	92.7	93.9	95.2	95.3	96.3	96.9	97.3	98.0
≥ 100	85.2	87.0	89.6	90.6	92.1	92.1	92.5	92.8	92.8	94.1	95.8	95.9	97.1	97.7	98.1	98.8
≥ 0	85.2	87.0	89.6	90.6	92.1	92.1	92.5	92.8	92.8	94.1	95.9	96.1	97.5	97.8	98.4	100.0

TOTAL NUMBER OF OBSERVATIONS 837

2
DATA PROCESSING DIVISION
USAF ETAC
AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

94010
STATION

GLASGOW MONTANA AFB
STATION NAME

59-67
YEARS

DEC
MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

0600-0800
HOURS LST

CEILING (FEET)	VISIBILITY (STATUTE MILES)															
	≥ 10	≥ 6	≥ 5	≥ 4	≥ 3	≥ 2½	≥ 2	≥ 1½	≥ 1¼	≥ 1	≥ ¾	≥ ½	≥ ¼	≥ 5 16	≥ ¼	≥ 0
NO CEILING	52.7	52.8	53.2	53.4	53.5	53.5	53.6	53.9	53.9	54.0	54.2	54.2	54.5	54.7	55.0	55.3
≥ 20000	62.0	62.4	62.8	63.1	63.2	63.2	63.3	63.6	63.6	63.7	64.0	64.0	64.3	64.6	64.9	65.2
≥ 18000	62.0	62.4	62.8	63.1	63.2	63.2	63.3	63.6	63.6	63.7	64.0	64.0	64.3	64.6	64.9	65.2
≥ 16000	62.0	62.4	62.8	63.1	63.2	63.2	63.3	63.6	63.6	63.7	64.0	64.0	64.3	64.6	64.9	65.2
≥ 14000	62.2	62.6	63.1	63.3	63.4	63.4	63.6	63.8	63.8	63.9	64.3	64.3	64.5	64.9	65.1	65.5
≥ 12000	63.1	63.4	63.9	64.2	64.3	64.3	64.4	64.6	64.6	64.8	65.1	65.1	65.4	65.7	65.9	66.3
≥ 10000	66.2	66.5	67.0	67.3	67.4	67.4	67.5	67.7	67.7	67.9	68.2	68.2	68.5	68.8	69.1	69.4
≥ 9000	66.8	67.3	67.7	68.0	68.1	68.1	68.2	68.5	68.5	68.6	68.9	68.9	69.2	69.5	69.8	70.1
≥ 8000	69.1	69.7	70.1	70.4	70.5	70.5	70.7	71.0	71.0	71.1	71.4	71.4	71.7	72.0	72.3	72.6
≥ 7000	70.6	71.2	71.7	71.9	72.2	72.2	72.4	72.6	72.6	72.8	73.1	73.1	73.4	73.7	74.0	74.3
≥ 6000	72.9	73.5	74.0	74.2	74.4	74.4	74.7	74.9	74.9	75.0	75.4	75.4	75.6	76.0	76.2	76.6
≥ 5000	74.4	75.1	75.6	75.9	76.5	76.5	76.7	76.9	76.9	77.1	77.4	77.4	77.7	78.0	78.3	78.6
≥ 4500	74.7	75.4	75.9	76.1	76.7	76.7	76.9	77.2	77.2	77.3	77.7	77.7	77.9	78.3	78.5	78.9
≥ 4000	76.3	77.1	78.0	78.4	79.1	79.2	79.3	79.7	79.7	79.8	80.2	80.2	80.4	80.8	81.0	81.4
≥ 3500	76.3	77.1	78.1	78.5	79.2	79.3	79.6	79.8	79.8	79.9	80.3	80.3	80.5	80.9	81.1	81.5
≥ 3000	77.2	77.9	79.0	79.6	80.3	80.4	80.6	80.9	80.9	81.0	81.4	81.4	81.6	82.0	82.2	82.6
≥ 2500	77.3	78.0	79.1	79.7	80.4	80.6	80.9	81.1	81.1	81.2	81.6	81.6	81.8	82.2	82.4	82.8
≥ 2000	78.4	79.2	80.6	81.4	82.1	82.3	82.6	82.8	82.8	82.9	83.3	83.3	83.5	83.9	84.1	84.5
≥ 1800	78.7	79.6	81.0	81.8	82.7	82.9	83.3	83.6	83.6	83.8	84.1	84.1	84.3	84.7	84.9	85.3
≥ 1500	79.8	80.6	82.4	83.3	84.2	84.5	84.8	85.3	85.3	85.4	85.8	85.8	86.0	86.4	86.6	87.0
≥ 1200	80.3	81.5	83.4	84.3	85.3	85.7	86.0	86.5	86.5	86.6	87.0	87.0	87.2	87.6	87.8	88.2
≥ 1000	80.8	82.0	84.1	85.2	86.3	86.6	87.1	87.6	87.6	87.7	88.1	88.1	88.3	88.6	88.9	89.2
≥ 900	81.8	83.2	85.4	86.5	87.6	87.9	88.4	88.9	88.9	89.0	89.4	89.4	89.6	90.0	90.2	90.6
≥ 800	82.7	84.0	86.3	87.3	88.5	88.9	89.4	89.8	89.8	90.0	90.3	90.3	90.6	90.9	91.2	91.5
≥ 700	83.0	84.3	86.6	87.7	89.1	89.5	90.0	90.4	90.4	90.7	91.0	91.0	91.3	91.6	91.9	92.2
≥ 600	83.2	84.6	87.0	88.1	89.5	89.8	90.3	90.8	90.8	91.0	91.5	91.5	91.8	92.1	92.4	92.7
≥ 500	83.8	85.2	87.6	88.6	90.1	90.4	90.9	91.5	91.5	92.0	92.6	92.6	93.0	93.4	93.7	94.0
≥ 400	84.0	85.4	87.9	89.0	90.4	90.8	91.3	92.0	92.0	92.5	93.2	93.2	93.5	94.1	94.4	94.7
≥ 300	84.3	85.9	88.4	89.5	91.3	91.6	92.1	93.3	93.3	93.8	94.6	94.6	95.0	95.6	96.1	96.4
≥ 200	84.3	86.4	88.9	90.0	91.8	92.1	92.7	94.1	94.1	94.9	95.8	95.8	96.3	97.0	97.5	97.8
≥ 100	84.3	86.4	88.9	90.0	91.9	92.2	93.0	94.4	94.4	95.1	96.3	96.3	97.1	97.8	98.3	98.8
≥ 0	84.3	86.4	88.9	90.0	91.9	92.2	93.0	94.4	94.4	95.1	96.3	96.3	97.1	97.8	98.3	100.0

TOTAL NUMBER OF OBSERVATIONS 837

DATA PROCESSING DIVISION
USAF ETAC
AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

94010
STATION

GLASGOW MONTANA AFB
STATION NAME

59-67
YEARS

DEC
MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

0900-1100
HOURS - DAY

CEILING (FEET)	VISIBILITY (STATUTE MILES)															
	≥ 10	≥ 6	≥ 5	≥ 4	≥ 3	≥ 2½	≥ 2	≥ 1½	≥ 1¼	≥ 1	≥ ¾	≥ ½	≥ ¼	≥ 5/16	≥ ¼	≥ 0
NO CEILING	45.9	45.9	46.7	46.8	47.1	47.1	47.3	47.3	47.3	47.4	47.4	47.4	47.7	47.7	47.7	47.8
≥ 20000	56.2	56.4	57.3	57.6	57.8	57.8	58.1	58.1	58.1	58.2	58.2	58.2	58.5	58.5	58.7	59.0
≥ 18000	56.3	56.5	57.5	57.7	57.9	57.9	58.2	58.2	58.2	58.3	58.3	58.3	58.7	58.7	58.8	59.1
≥ 16000	56.3	56.5	57.5	57.7	57.9	57.9	58.2	58.2	58.2	58.3	58.3	58.3	58.7	58.7	58.8	59.1
≥ 14000	56.4	56.6	57.6	57.8	58.1	58.1	58.3	58.3	58.3	58.4	58.4	58.4	58.8	58.8	58.9	59.3
≥ 12000	57.8	58.1	59.0	59.3	59.5	59.5	59.7	59.7	59.7	59.9	59.9	59.9	60.2	60.2	60.3	60.7
≥ 10000	63.9	64.3	65.4	65.6	65.8	65.8	66.1	66.1	66.1	66.2	66.2	66.2	66.5	66.5	66.7	67.0
≥ 9000	65.5	65.9	67.6	67.9	68.1	68.1	68.3	68.3	68.3	68.5	68.5	68.5	68.8	68.8	68.9	69.3
≥ 8000	68.1	68.7	70.5	70.7	71.0	71.0	71.2	71.3	71.3	71.4	71.4	71.4	71.8	71.8	71.9	72.3
≥ 7000	69.2	69.8	71.6	71.8	72.0	72.0	72.4	72.6	72.6	72.8	72.8	72.8	73.1	73.1	73.2	73.6
≥ 6000	71.7	72.3	74.1	74.3	74.6	74.6	74.9	75.1	75.1	75.3	75.3	75.3	75.6	75.6	75.7	76.1
≥ 5000	73.0	73.6	75.7	76.0	76.2	76.2	76.6	76.9	76.9	77.1	77.1	77.1	77.4	77.4	77.5	77.9
≥ 4500	73.0	73.6	75.9	76.1	76.3	76.3	76.7	77.1	77.1	77.2	77.2	77.2	77.5	77.5	77.7	78.0
≥ 4000	74.8	75.4	77.7	77.9	78.1	78.1	78.5	78.9	78.9	79.0	79.0	79.0	79.3	79.3	79.5	79.8
≥ 3500	75.5	76.1	78.6	78.9	79.3	79.3	79.8	80.4	80.4	80.5	80.5	80.5	80.9	80.9	81.0	81.4
≥ 3000	76.7	77.3	79.9	80.4	80.9	80.9	81.4	82.2	82.2	82.3	82.3	82.3	82.7	82.7	82.8	83.2
≥ 2500	76.9	77.5	80.2	80.8	81.5	81.5	82.2	82.8	82.8	82.9	82.9	82.9	83.3	83.3	83.4	83.8
≥ 2000	77.7	78.3	81.0	81.7	82.6	82.6	83.4	84.0	84.0	84.1	84.1	84.1	84.5	84.5	84.6	84.9
≥ 1800	78.0	78.6	81.5	82.2	83.0	83.0	83.9	84.5	84.5	84.6	84.6	84.6	84.9	84.9	85.1	85.4
≥ 1500	78.4	79.0	81.8	82.6	83.4	83.4	84.3	85.1	85.1	85.2	85.2	85.2	85.5	85.5	85.7	86.0
≥ 1200	79.1	79.8	82.9	83.8	84.7	84.8	85.8	86.6	86.6	86.9	86.9	86.9	87.2	87.2	87.3	87.7
≥ 1000	79.2	80.3	83.6	84.5	85.5	85.7	86.7	87.8	87.8	88.4	88.5	88.5	89.0	89.4	89.5	89.8
≥ 900	79.6	80.6	84.0	85.2	86.3	86.4	87.5	88.5	88.5	89.1	89.2	89.2	89.7	90.1	90.2	90.6
≥ 800	80.0	81.4	84.7	86.0	87.1	87.2	88.3	89.4	89.4	90.1	90.4	90.4	90.8	91.0	91.5	91.9
≥ 700	80.2	81.6	84.9	86.3	87.7	87.8	88.9	90.0	90.0	90.7	91.0	91.2	91.8	92.1	92.5	92.8
≥ 600	80.3	81.8	85.3	86.9	88.1	88.2	89.4	90.4	90.4	91.2	91.5	91.6	92.2	92.6	93.0	93.3
≥ 500	80.9	82.4	85.9	87.5	88.6	88.8	90.0	91.0	91.0	91.8	92.1	92.2	93.0	93.3	93.7	94.0
≥ 400	81.4	82.9	86.4	87.9	89.1	89.2	90.8	91.9	91.9	92.6	93.2	93.3	94.1	94.5	95.0	95.3
≥ 300	81.4	82.9	86.4	87.9	89.1	89.4	90.9	92.4	92.4	93.3	94.0	94.1	95.0	95.3	95.8	96.3
≥ 200	81.5	83.2	86.7	88.3	90.2	90.4	92.0	93.5	93.5	94.6	95.3	95.6	96.5	96.9	97.4	98.1
≥ 100	81.5	83.2	86.7	88.3	90.2	90.4	92.0	93.7	93.7	94.9	95.8	96.2	97.1	97.5	98.1	99.2
≥ 0	81.5	83.2	86.7	88.3	90.2	90.4	92.0	93.7	93.7	94.9	95.8	96.2	97.1	97.5	98.1	100.0

TOTAL NUMBER OF OBSERVATIONS 837

USAFETAC

FORM
AA 64

0-14-5 (OL 1) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

DATA PROCESSING DIVISION
USAF ETAC
AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

94010 STATION GLASGOW MONTANA AFB

59-67

YEARS

SEC

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

1200-1400
HOURS, MST

CEILING (FEET)	VISIBILITY (STATUTE MILES)															
	≥ 10	≥ 6	≥ 5	≥ 4	≥ 3	≥ 2½	≥ 2	≥ 1½	≥ 1¼	≥ 1	≥ ¾	≥ ½	≥ ¼	≥ 5/16	≥ ¼	≥ 0
NO CEILING	43.7	44.8	45.4	45.6	45.8	45.8	45.9	45.9	45.9	45.9	45.9	45.9	45.9	45.9	45.9	45.9
≥ 20000	59.0	60.1	60.9	61.2	61.3	61.3	61.4	61.4	61.4	61.4	61.4	61.4	61.4	61.4	61.4	61.4
≥ 18000	59.0	60.1	60.9	61.2	61.3	61.3	61.4	61.4	61.4	61.4	61.4	61.4	61.4	61.4	61.4	61.4
≥ 16000	59.0	60.1	60.9	61.2	61.3	61.3	61.4	61.4	61.4	61.4	61.4	61.4	61.4	61.4	61.4	61.4
≥ 14000	59.6	60.7	61.5	61.8	61.9	61.9	62.0	62.0	62.0	62.0	62.0	62.0	62.0	62.0	62.0	62.0
≥ 12000	60.6	61.6	62.5	62.7	62.8	62.8	63.0	63.0	63.0	63.0	63.0	63.0	63.0	63.0	63.0	63.0
≥ 10000	65.5	66.7	67.5	67.7	68.0	68.0	68.1	68.1	68.1	68.1	68.1	68.1	68.1	68.1	68.1	68.1
≥ 9000	68.0	69.3	70.3	70.5	70.7	70.7	71.0	71.0	71.0	71.0	71.0	71.0	71.0	71.0	71.0	71.0
≥ 8000	70.8	72.6	73.6	73.8	74.1	74.1	74.3	74.3	74.3	74.3	74.3	74.3	74.3	74.3	74.3	74.3
≥ 7000	72.4	74.2	75.4	75.7	76.0	76.0	76.2	76.3	76.3	76.3	76.3	76.3	76.3	76.3	76.3	76.3
≥ 6000	73.6	75.4	76.6	76.9	77.2	77.2	77.4	77.5	77.5	77.5	77.5	77.7	77.7	77.7	77.7	77.7
≥ 5000	75.0	77.4	78.6	79.0	79.2	79.3	79.6	79.7	79.7	79.7	79.7	79.8	79.8	79.8	79.8	79.8
≥ 4500	75.4	77.8	79.0	79.3	79.6	79.7	79.9	80.0	80.0	80.0	80.0	80.2	80.2	80.2	80.2	80.2
≥ 4000	77.4	79.8	81.0	81.4	81.6	81.7	82.0	82.1	82.1	82.1	82.1	82.2	82.2	82.2	82.2	82.2
≥ 3500	77.9	80.3	81.5	81.8	82.1	82.2	82.6	82.7	82.7	82.7	82.7	82.8	82.8	82.8	82.8	82.8
≥ 3000	78.9	81.2	82.4	82.8	83.0	83.2	83.5	83.6	83.6	83.6	83.6	83.8	83.8	83.8	83.8	83.8
≥ 2500	79.1	81.5	82.7	83.0	83.3	83.4	83.9	84.0	84.0	84.0	84.0	84.1	84.1	84.2	84.2	84.2
≥ 2000	79.5	82.4	83.8	84.1	84.3	84.5	85.1	85.2	85.2	85.2	85.2	85.3	85.3	85.4	85.4	85.4
≥ 1800	79.8	82.8	84.1	84.6	84.8	84.9	85.5	85.7	85.7	85.7	85.7	85.8	85.8	85.9	85.9	85.9
≥ 1500	81.2	84.3	85.9	86.4	86.6	86.7	87.3	87.6	87.6	87.6	87.6	87.9	87.9	88.1	88.1	88.1
≥ 1200	81.7	84.8	86.4	86.9	87.5	87.6	88.3	88.5	88.5	88.5	89.0	89.1	89.1	89.5	89.7	89.7
≥ 1000	82.1	85.5	87.1	87.7	88.4	88.5	89.4	89.8	89.8	89.8	90.6	90.8	90.8	91.2	91.4	91.4
≥ 900	82.3	85.9	87.5	88.4	89.1	89.2	90.1	90.7	90.7	90.7	91.4	91.6	91.6	92.0	92.2	92.2
≥ 800	82.8	86.5	88.1	89.0	89.7	89.8	90.7	91.3	91.3	91.3	92.0	92.4	92.5	92.8	93.1	93.2
≥ 700	82.9	86.6	88.2	89.2	90.1	90.3	91.3	92.1	92.2	92.2	93.0	93.3	93.4	93.8	94.0	94.3
≥ 600	83.0	86.7	88.3	89.3	90.4	90.7	91.6	92.5	92.6	92.6	93.3	93.7	93.8	94.1	94.4	94.9
≥ 500	83.4	87.1	88.8	90.0	90.9	91.2	92.1	93.1	93.2	93.2	93.9	94.3	94.4	94.9	95.1	95.3
≥ 400	84.0	87.8	89.6	90.8	91.9	92.1	93.2	94.1	94.3	94.3	95.0	95.3	95.5	95.9	96.2	96.4
≥ 300	84.0	87.9	89.7	90.9	92.0	92.2	93.3	94.3	94.4	94.4	95.1	95.6	95.7	96.2	96.5	96.8
≥ 200	84.0	87.9	89.7	91.0	92.1	92.4	93.4	94.5	94.6	94.6	95.3	95.8	95.9	96.4	96.9	97.1
≥ 100	84.0	87.9	89.7	91.0	92.1	92.4	93.4	94.6	94.7	94.7	95.5	96.3	96.4	97.1	97.6	98.1
≥ 0	84.0	87.9	89.7	91.0	92.1	92.4	93.4	94.6	94.7	94.7	95.5	96.3	96.4	97.1	97.6	98.1

TOTAL NUMBER OF OBSERVATIONS 837

USAFETAC

FORM
A14-54

0-14-5 (OL 1) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

2
DATA PROCESSING DIVISION
USAF ETAC
AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

94010 STATION GLASGOW MONTANA AFB STATION NAME

59-67 YEAR

DEC

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

1500-1700

CEILING (FEET)	VISIBILITY - STATUTE MILES															
	≥ 10	≥ 6	≥ 5	≥ 4	≥ 3	≥ 2.5	≥ 2	≥ 1.5	≥ 1.0	≥ 0.75	≥ 0.5	≥ 0.25	≥ 0.15	≥ 0.10	≥ 0.05	≥ 0
NO CEILING	45.9	47.0	47.4	47.4	47.4	47.4	47.4	47.4	47.4	47.4	47.4	47.4	47.4	47.4	47.4	47.4
≥ 20000	60.3	61.9	62.5	62.5	62.5	62.5	62.5	62.5	62.5	62.5	62.5	62.5	62.5	62.5	62.5	62.5
≥ 18000	60.3	61.9	62.5	62.5	62.5	62.5	62.5	62.5	62.5	62.5	62.5	62.5	62.5	62.5	62.5	62.5
≥ 16000	60.3	61.9	62.5	62.5	62.5	62.5	62.5	62.5	62.5	62.5	62.5	62.5	62.5	62.5	62.5	62.5
≥ 14000	60.6	62.1	62.7	62.7	62.7	62.7	62.7	62.7	62.7	62.7	62.7	62.7	62.7	62.7	62.7	62.7
≥ 12000	62.4	63.9	64.5	64.5	64.5	64.5	64.5	64.5	64.5	64.5	64.5	64.5	64.5	64.5	64.5	64.5
≥ 10000	67.3	68.8	69.4	69.4	69.4	69.4	69.4	69.4	69.4	69.4	69.4	69.4	69.4	69.4	69.4	69.4
≥ 9000	69.4	71.0	71.6	71.6	71.6	71.6	71.6	71.6	71.6	71.6	71.6	71.6	71.6	71.6	71.6	71.6
≥ 8000	72.5	74.2	74.8	74.8	74.8	74.8	74.8	74.8	74.8	74.8	74.8	74.8	74.8	74.8	74.8	74.8
≥ 7000	74.7	76.5	77.2	77.3	77.4	77.4	77.4	77.4	77.4	77.4	77.4	77.4	77.4	77.4	77.4	77.4
≥ 6000	76.1	77.9	78.6	78.7	78.9	78.9	78.9	78.9	78.9	78.9	78.9	78.9	78.9	78.9	78.9	78.9
≥ 5000	78.0	80.3	81.0	81.2	81.4	81.4	81.4	81.4	81.4	81.4	81.4	81.4	81.4	81.4	81.4	81.4
≥ 4500	78.5	80.8	81.6	81.8	82.0	82.0	82.0	82.0	82.1	82.2	82.2	82.2	82.2	82.2	82.2	82.2
≥ 4000	80.3	82.8	83.6	83.9	84.0	84.0	84.0	84.0	84.1	84.2	84.2	84.2	84.2	84.2	84.2	84.2
≥ 3500	80.5	83.2	84.0	84.2	84.3	84.3	84.3	84.3	84.5	84.6	84.6	84.6	84.6	84.8	84.8	84.8
≥ 3000	81.0	83.9	84.8	85.1	85.4	85.4	85.4	85.4	85.5	85.7	85.7	85.7	85.9	85.9	85.9	85.9
≥ 2500	81.5	84.3	85.8	86.3	86.6	86.6	86.7	86.7	86.9	87.0	87.1	87.1	87.3	87.3	87.3	87.3
≥ 2000	81.8	85.1	86.6	87.1	87.5	87.5	87.6	87.6	87.7	87.8	88.1	88.1	88.3	88.3	88.3	88.3
≥ 1800	81.8	85.1	86.6	87.1	87.5	87.5	87.6	87.6	87.7	87.8	88.1	88.1	88.3	88.3	88.3	88.3
≥ 1500	82.4	85.7	87.2	87.9	88.3	88.3	88.4	88.4	88.5	88.6	88.9	88.9	89.1	89.1	89.1	89.1
≥ 1200	82.7	85.9	87.6	88.2	88.5	88.5	88.6	88.6	88.8	89.5	89.7	90.0	90.4	90.4	90.4	90.4
≥ 1000	82.9	86.3	87.9	88.5	88.9	88.9	89.0	89.0	89.1	90.0	90.3	90.6	91.0	91.0	91.0	91.0
≥ 900	83.3	86.9	88.5	89.1	89.5	89.5	89.7	89.7	89.8	91.0	91.4	91.6	92.2	92.2	92.4	92.4
≥ 800	83.9	87.5	89.1	89.7	90.1	90.1	90.2	90.3	90.4	91.6	92.0	92.2	92.8	92.8	93.0	93.0
≥ 700	83.9	87.5	89.2	89.8	90.2	90.3	90.6	90.6	90.7	91.9	92.2	92.5	93.2	93.2	93.3	93.4
≥ 600	84.3	87.9	89.8	90.6	91.0	91.2	91.4	91.4	91.5	92.7	93.1	93.4	94.1	94.1	94.3	94.4
≥ 500	84.5	88.4	90.3	91.0	91.9	92.0	92.2	92.2	92.4	93.8	94.1	94.5	95.3	95.3	95.7	95.8
≥ 400	84.6	88.8	90.8	91.6	92.5	92.6	92.8	92.8	93.0	94.4	94.7	95.1	95.9	96.1	96.3	96.4
≥ 300	84.6	88.8	90.8	91.6	92.5	92.6	92.8	92.8	93.1	94.5	94.9	95.2	96.1	96.2	96.4	96.7
≥ 200	84.6	88.8	91.0	91.9	92.7	92.8	93.2	93.2	93.3	95.0	95.5	95.8	96.8	97.3	97.6	98.1
≥ 100	84.6	89.0	91.3	92.1	93.0	93.1	93.4	93.4	93.7	95.3	95.8	96.2	97.4	97.8	98.2	99.3
≥ 0	84.6	89.0	91.3	92.1	93.0	93.1	93.4	93.4	93.7	95.3	95.8	96.2	97.4	97.8	98.2	100.0

TOTAL NUMBER OF OBSERVATIONS 837

2

DATA PROCESSING DIVISION
USAF ETAC
AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

94010
STATIONGLASGOW MONTANA AFB
STATION NAME

59-67

YEAR

JEC

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

1600-2000

CEILING (FEET)	VISIBILITY - STATUTE MILES															
	≥10	≥6	≥5	≥4	≥3	≥2.5	≥2	≥1.5	≥1.4	≥1	≥.9	≥.8	≥.7	≥.6	≥.5	≥.4
NO CEILING	50.3	50.7	50.8	51.0	51.1	51.1	51.3	51.3	51.3	51.3	51.4	51.4	51.4	51.4	51.4	51.4
≥ 20000	58.1	58.4	58.5	58.8	58.9	58.9	59.0	59.0	59.0	59.0	59.1	59.1	59.1	59.1	59.1	59.1
≥ 18000	58.1	58.4	58.5	58.8	58.9	58.9	59.0	59.0	59.0	59.0	59.1	59.1	59.1	59.1	59.1	59.1
≥ 16000	58.1	58.4	58.5	58.8	58.9	58.9	59.0	59.0	59.0	59.0	59.1	59.1	59.1	59.1	59.1	59.1
≥ 14000	58.1	58.4	58.5	58.8	58.9	58.9	59.0	59.0	59.0	59.0	59.1	59.1	59.1	59.1	59.1	59.1
≥ 12000	59.7	60.1	60.2	60.3	60.6	60.6	60.7	60.7	60.7	60.7	60.8	60.8	60.8	60.8	60.8	60.8
≥ 10000	65.1	65.5	65.6	65.8	65.9	65.9	66.1	66.1	66.1	66.1	66.2	66.2	66.2	66.2	66.2	66.2
≥ 9000	67.5	67.9	68.0	68.2	68.3	68.3	68.5	68.5	68.5	68.5	68.6	68.6	68.6	68.6	68.6	68.6
≥ 8000	70.8	71.2	71.3	71.6	71.7	71.7	71.8	71.8	71.8	71.8	71.9	71.9	71.9	71.9	71.9	71.9
≥ 7000	73.5	74.0	74.3	74.6	74.7	74.7	74.8	74.8	74.8	74.8	74.9	74.9	74.9	74.9	74.9	74.9
≥ 6000	75.0	75.5	75.9	76.1	76.2	76.2	76.3	76.3	76.3	76.3	76.5	76.5	76.5	76.5	76.5	76.5
≥ 5000	76.6	77.4	77.8	78.0	78.1	78.1	78.3	78.3	78.3	78.3	78.4	78.4	78.4	78.4	78.4	78.4
≥ 4500	77.2	78.0	78.4	78.6	78.7	78.7	78.9	78.9	78.9	78.9	79.0	79.0	79.0	79.0	79.0	79.0
≥ 4000	78.9	79.9	80.3	80.6	81.0	81.0	81.2	81.4	81.4	81.4	81.5	81.5	81.5	81.5	81.5	81.5
≥ 3500	79.3	80.4	80.8	81.1	81.5	81.5	81.7	81.8	81.8	81.8	82.0	82.0	82.0	82.0	82.0	82.0
≥ 3000	80.2	81.7	82.1	82.4	82.8	82.8	83.0	83.2	83.2	83.2	83.3	83.3	83.3	83.3	83.3	83.3
≥ 2500	81.2	82.8	83.4	83.9	84.2	84.2	84.5	84.6	84.6	84.6	84.7	84.7	84.7	84.7	84.7	84.7
≥ 2000	81.5	83.2	83.9	84.3	84.7	84.7	85.3	85.4	85.4	85.5	85.7	85.7	85.7	85.7	85.7	85.7
≥ 1800	81.7	83.5	84.2	84.7	85.1	85.1	85.7	85.8	85.8	85.9	86.0	86.0	86.0	86.0	86.0	86.0
≥ 1500	82.1	84.0	84.9	85.5	85.9	85.9	86.5	86.9	86.9	87.0	87.1	87.1	87.1	87.1	87.1	87.1
≥ 1200	82.4	84.5	85.4	86.0	86.5	86.6	87.2	87.7	87.7	87.8	87.9	87.9	88.1	88.1	88.1	88.1
≥ 1000	83.4	85.9	87.2	87.8	88.5	88.6	89.6	90.1	90.1	90.2	90.6	90.6	90.7	90.7	90.7	90.7
≥ 900	83.9	86.4	87.7	88.3	89.0	89.1	90.1	90.6	90.6	91.0	91.5	91.5	91.9	91.9	92.0	92.0
≥ 800	84.1	86.7	88.1	89.0	89.8	90.0	91.0	91.6	91.6	92.1	92.6	92.6	93.0	93.0	93.1	93.1
≥ 700	84.2	86.9	88.2	89.1	90.0	90.1	91.2	91.9	91.9	92.5	93.0	93.0	93.3	93.3	93.4	93.4
≥ 600	84.7	87.3	88.6	89.6	90.4	90.6	91.6	92.4	92.4	93.0	93.7	93.7	94.1	94.1	94.3	94.3
≥ 500	85.2	88.1	89.5	90.4	91.8	91.9	93.0	93.8	93.8	94.4	95.1	95.1	95.6	95.6	95.7	95.7
≥ 400	85.3	88.3	90.0	90.9	92.4	92.5	93.5	94.5	94.6	95.3	96.1	96.1	96.5	96.5	96.7	96.7
≥ 300	85.3	88.8	90.6	91.5	93.1	93.2	94.3	95.2	95.3	96.1	97.0	97.0	97.5	97.5	97.6	97.7
≥ 200	85.4	88.9	90.7	91.6	93.3	93.4	94.5	95.6	95.7	96.4	97.4	97.4	97.8	97.8	98.1	98.2
≥ 100	85.4	88.9	90.7	91.6	93.3	93.4	94.5	95.6	95.7	96.4	97.4	97.4	97.8	97.8	98.1	98.2
≥ 0	85.4	88.9	90.7	91.6	93.3	93.4	94.5	95.6	95.7	96.4	97.4	97.4	97.8	97.8	98.1	98.2

TOTAL NUMBER OF OBSERVATIONS 837

USAFETAC

FORM
JUL 64

D-14-5 (OL 1) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

2

DATA PROCESSING DIVISION
USAF ETAC
AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

94010 GLASGOW MONTANA AFB
STATION STATION NAME

59-67
YEARS

LEC
TYPE

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

2100-2300

CEILING (FEET)	VISIBILITY (STATUTE MILES)														
	≥10	≥6	≥5	≥4	≥3	≥2½	≥2	≥1½	≥1½	≥1	≥¾	≥¾	≥¾	≥5/16	≥¼
NO CEILING	49.2	49.5	49.9	49.9	50.1	50.1	50.4	50.5	50.5	50.7	50.9	50.9	51.0	51.0	51.0
≥ 20000	58.2	58.4	58.9	58.9	59.0	59.0	59.4	59.5	59.5	59.6	59.9	59.9	60.0	60.0	60.0
≥ 18000	58.2	58.4	58.9	58.9	59.0	59.0	59.4	59.5	59.5	59.6	59.9	59.9	60.0	60.0	60.0
≥ 16000	58.2	58.4	58.9	58.9	59.0	59.0	59.4	59.5	59.5	59.6	59.9	59.9	60.0	60.0	60.0
≥ 14000	58.2	58.4	58.9	58.9	59.0	59.0	59.4	59.5	59.5	59.6	59.9	59.9	60.0	60.0	60.0
≥ 12000	58.8	59.0	59.5	59.5	59.6	59.6	60.0	60.1	60.1	60.2	60.5	60.5	60.6	60.6	60.6
≥ 10000	63.1	63.3	63.8	63.8	63.9	63.9	64.3	64.4	64.4	64.5	64.8	64.8	64.9	64.9	64.9
≥ 9000	65.5	65.7	66.2	66.2	66.3	66.3	66.7	66.8	66.8	66.9	67.1	67.1	67.3	67.3	67.3
≥ 8000	69.1	69.4	70.0	70.1	70.5	70.5	70.8	71.0	71.0	71.1	71.3	71.3	71.4	71.4	71.4
≥ 7000	70.8	71.4	72.0	72.2	72.5	72.5	72.9	73.0	73.0	73.1	73.4	73.4	73.5	73.5	73.5
≥ 6000	72.5	73.1	73.7	73.8	74.2	74.2	74.6	74.7	74.7	74.8	75.0	75.0	75.1	75.1	75.1
≥ 5000	74.0	74.6	75.1	75.6	76.2	76.2	76.7	76.8	76.8	76.9	77.2	77.2	77.3	77.3	77.3
≥ 4500	75.1	75.7	76.3	76.8	77.4	77.4	77.9	78.0	78.0	78.1	78.4	78.4	78.5	78.5	78.5
≥ 4000	76.3	77.1	77.9	78.6	79.3	79.3	79.8	79.9	79.9	80.0	80.3	80.3	80.4	80.4	80.4
≥ 3500	76.7	77.4	78.3	79.0	79.7	79.7	80.2	80.3	80.3	80.4	80.6	80.6	80.8	80.8	80.8
≥ 3000	78.0	78.9	79.8	80.5	81.5	81.5	82.0	82.1	82.2	82.3	82.6	82.6	82.7	82.7	82.7
≥ 2500	78.7	79.6	80.5	81.2	82.2	82.2	82.8	83.0	83.2	83.3	83.5	83.5	83.6	83.6	83.6
≥ 2000	79.0	79.8	81.0	81.7	82.8	82.8	83.4	83.6	83.8	83.9	84.1	84.1	84.5	84.5	84.5
≥ 1800	79.7	80.5	81.7	82.4	83.5	83.5	84.1	84.3	84.5	84.6	84.8	84.8	85.2	85.2	85.2
≥ 1500	80.6	81.6	82.9	83.8	84.8	84.8	85.4	85.7	85.8	86.0	86.3	86.3	86.6	86.6	86.6
≥ 1200	80.9	82.1	83.6	84.5	85.5	85.5	86.1	86.4	86.5	86.7	87.3	87.3	87.7	87.7	87.7
≥ 1000	81.8	83.4	85.2	86.1	87.2	87.2	87.8	88.1	88.2	88.4	89.0	89.0	89.4	89.4	89.4
≥ 900	82.0	83.5	85.3	86.3	87.3	87.3	87.9	88.2	88.3	88.5	89.2	89.4	89.8	89.8	89.8
≥ 800	82.4	84.0	85.8	86.9	88.1	88.1	88.6	89.0	89.1	89.4	90.2	90.3	90.8	90.8	90.8
≥ 700	82.8	84.3	86.1	87.2	88.4	88.4	89.2	89.6	89.7	90.0	91.0	91.2	91.6	91.6	91.6
≥ 600	82.9	84.7	86.5	87.6	88.8	88.8	89.6	90.0	90.1	90.3	91.5	91.6	92.1	92.1	92.1
≥ 500	83.8	85.5	87.8	88.9	90.1	90.1	91.4	91.8	92.0	92.6	93.8	93.9	94.4	94.4	94.5
≥ 400	84.1	85.9	88.2	89.2	90.4	90.4	92.1	92.6	92.8	93.8	95.0	95.1	95.7	95.7	95.8
≥ 300	84.6	86.4	88.6	89.8	91.0	91.0	92.7	93.3	93.5	94.5	95.9	96.1	96.9	96.9	97.1
≥ 200	84.6	86.4	88.6	90.0	91.2	91.2	92.8	93.5	93.8	94.7	96.2	96.3	97.1	97.1	97.4
≥ 100	84.6	86.4	88.8	90.1	91.3	91.3	93.2	93.9	94.1	95.6	97.0	97.4	98.3	98.3	99.4
≥ 0	84.6	86.4	88.8	90.1	91.3	91.3	93.2	93.9	94.1	95.6	97.0	97.4	98.3	98.4	100.0

TOTAL NUMBER OF OBSERVATIONS 837

PART D

SKY COVER

This summary is prepared from hourly observations and is a percentage frequency distribution of total sky cover by tenths, plus mean sky cover, and total number of observations. It is presented in two tables as follows:

1. By month and annual - all hours and all years combined.
2. By month - by standard 3-hour groups.

NOTE: # 1: Sky cover (total cloud amount) was not reported by U. S. Services until mid 1945. Data, when available, were punched for Air Force stations beginning in 1946, but were not available for Navy stations until 1948 or 1949. Weather Bureau stations recorded total cloud amount in remarks beginning sometime in 1945, but few stations have punched data prior to 1948. This summary will, of course, be limited to period of available data.

NOTE: # 2: Some sources of punched data used for this summary report cloud amounts in oktas. These have been converted to tenths prior to summarizing, and notation is made on the form to indicate that data were originally reported in oktas. The manner of conversion is given below:

<u>OKTAS</u>	<u>TENTHS</u>
0	0
1	1
2	3
3	4
4	5
5	6
6	8
7	9
8 (or obscured)	10

2
DATA PROCESSING DIVISION
ETAC/USAF
AIR WEATHER SERVICE/MAC

SKY COVER

94010 GLASGOW MONTANA AFB

59-68

ALL

STATION

STATION NAME

PERIOD

MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

MONTH	HOURS (L.S.T.)	PERCENTAGE FREQUENCY OF TENTHS OF TOTAL SKY COVER											MEAN TENTHS OF SKY COVER	TOTAL NO. OF OBS
		0	1	2	3	4	5	6	7	8	9	10		
JAN	ALL	10.8	6.2	6.3	5.9	5.1	2.7	4.0	5.3	6.9	6.1	41.0	6.5	6693
FEB		12.6	6.7	5.9	4.6	4.1	2.9	3.5	4.9	6.7	5.9	42.3	6.5	6116
MAR		11.4	7.1	6.7	6.6	5.3	3.8	4.1	5.5	7.7	5.9	36.0	6.2	6690
APR		12.5	6.0	5.7	5.0	4.2	2.9	3.8	5.4	7.8	6.0	40.9	6.5	6480
MAY		10.1	5.9	6.1	6.1	5.9	4.0	5.2	6.8	9.4	6.6	33.9	6.3	6685
JUN		11.9	9.4	8.3	6.9	6.2	4.8	4.6	6.5	8.9	7.9	24.5	5.6	5756
JUL		22.4	12.1	10.9	9.3	6.9	5.2	5.2	6.2	7.1	5.2	9.6	3.9	6551
AUG		24.1	10.6	9.2	8.1	6.5	4.2	5.2	7.0	6.4	4.9	14.0	4.2	6695
SEP		26.0	8.1	6.4	4.6	3.8	3.3	3.8	6.3	7.0	7.0	23.7	4.9	6479
OCT		19.5	8.1	7.8	7.1	5.1	3.4	4.3	6.2	6.1	6.7	25.7	5.2	6696
NOV		14.5	5.9	7.0	6.4	4.4	3.1	3.5	5.6	6.2	7.1	36.4	6.1	6479
DEC		13.9	6.3	7.2	5.4	4.3	3.0	3.6	5.1	6.3	6.1	38.8	6.2	6696
TOTALS		15.8	7.7	7.3	6.3	5.2	3.6	4.2	5.9	7.2	6.3	30.6	5.7	78016

SKY COVER

60-68

JAN

STATION

STATION NAME

PERIOD

MONTH

MONTH	HOURS (L.S.T.)	PERCENTAGE FREQUENCY OF TENTHS OF TOTAL SKY COVER											MEAN TENTHS OF SKY COVER	TOTAL NO. OF OBS.
		0	1	2	3	4	5	6	7	8	9	10		
JAN	00-02	18.4	6.0	6.6	6.3	5.1	3.2	3.9	5.1	6.5	2.4	36.4	5.7	837
	03-05	20.1	4.9	7.9	6.2	5.1	2.9	3.1	4.5	5.7	2.2	37.4	5.6	837
	06-08	11.1	7.2	8.1	5.4	5.6	2.0	3.8	4.9	6.5	5.3	40.1	6.3	837
	09-11	5.9	6.5	5.3	3.9	4.2	1.2	4.1	6.9	7.6	9.0	45.5	7.2	837
	12-14	5.9	6.9	3.6	5.7	4.7	2.8	4.6	5.1	8.7	9.9	42.0	7.1	835
	15-17	5.3	5.7	4.9	6.0	4.3	3.1	3.8	6.3	8.9	10.0	41.6	7.1	836
	18-20	7.2	6.9	6.7	5.9	6.2	3.2	5.1	4.8	5.5	5.7	42.8	6.7	837
	21-23	12.3	5.7	6.9	7.4	5.5	2.9	3.6	4.5	5.4	3.9	41.8	6.3	837
TOTALS		10.8	6.2	6.3	5.9	5.1	2.7	4.0	5.3	6.9	6.1	41.0	6.5	6693

USAFETAC

FORM
JUL 64

FORM 0-9.5 (OLI)

PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

SKY COVER

FEB

MONTH

MONTH	HOURS (L.S.T.)	PERCENTAGE FREQUENCY OF TENTHS OF TOTAL SKY COVER											MEAN TENTHS OF SKY COVER	TOTAL NO. OF OBS.
		0	1	2	3	4	5	6	7	8	9	10		
FEB	00-02	21.4	5.8	6.9	4.1	3.1	2.9	4.8	2.6	5.6	2.8	40.0	5.8	763
	03-05	21.7	4.6	6.7	4.3	4.6	2.5	3.9	4.4	4.2	3.0	40.1	5.8	765
	06-08	10.7	8.6	4.7	5.8	4.1	3.8	3.1	5.6	5.5	5.8	42.4	6.5	765
	09-11	7.5	6.8	5.2	4.2	3.4	2.9	2.9	4.7	8.8	7.3	46.4	7.1	765
	12-14	6.9	7.2	3.7	3.5	3.9	2.9	2.1	5.6	8.2	10.3	45.6	7.2	765
	15-17	5.4	6.1	8.4	4.4	2.7	2.1	3.3	4.6	8.2	10.1	44.7	7.1	765
	18-20	8.4	8.4	5.6	6.2	5.2	3.0	3.5	6.6	7.2	4.2	41.7	6.5	763
	21-23	18.6	6.0	6.1	4.4	5.5	3.4	4.3	5.1	5.6	3.3	37.6	5.8	765
TOTALS		12.6	6.7	5.9	4.6	4.1	2.9	3.5	4.9	6.7	5.9	42.3	6.5	6116

USAFETAC FORM 0-9.5 (OLI) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE.

SKY COVER

MAR

ALFON

MONTH	HOURS (L.S.T.)	PERCENTAGE FREQUENCY OF TENTHS OF TOTAL SKY COVER											MEAN TENTHS OF SKY COVER	TOTAL NO. OF OBS
		0	1	2	3	4	5	6	7	8	9	10		
MAR	00-02	21.8	6.9	7.3	6.3	5.3	3.0	3.1	4.3	8.3	3.5	30.0	5.2	836
	03-05	16.3	6.6	9.0	8.0	3.4	4.5	3.2	4.7	5.5	2.2	34.7	5.6	836
	06-08	9.5	9.4	6.0	6.4	4.4	3.5	4.0	5.3	6.2	7.3	38.1	6.3	834
	09-11	9.1	5.6	5.3	5.1	4.8	3.0	4.3	5.6	9.9	6.7	40.6	6.8	836
	12-14	6.6	5.5	6.1	5.1	3.9	4.3	4.4	6.1	9.0	8.2	40.7	6.9	837
	15-17	6.0	5.6	4.5	6.8	3.8	3.8	4.8	7.2	7.9	8.8	40.7	7.0	837
	18-20	5.6	8.8	6.5	8.7	6.6	4.7	4.1	6.3	9.1	5.5	34.2	6.3	837
	21-23	16.0	8.0	9.1	6.5	7.9	3.6	5.0	4.7	5.7	4.7	28.9	5.3	837
TOTALS		11.4	7.1	6.7	6.6	5.3	3.8	4.1	5.5	7.7	5.9	36.0	6.2	6690

FORM
HM 4.0

0.9.5 (OLI)

PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE.

2

94010 GLASGOW MONTANA AFB

60-68

APR

STATION

STATION NAME

PERIOD

MONTH

MONTH	HOURS (L.S.T.)	PERCENTAGE FREQUENCY OF TENTHS OF TOTAL SKY COVER											MEAN TENTHS OF SKY COVER	TOTAL NO. OF OBS
		0	1	2	3	4	5	6	7	8	9	10		
APR	00-02	22.3	6.7	7.5	6.9	5.1	2.3	5.1	3.1	4.9	4.0	32.1	5.2	810
	03-05	19.1	7.4	6.5	6.0	4.9	3.8	4.2	4.8	4.2	3.1	35.8	5.6	810
	06-08	11.0	8.1	5.4	5.8	3.5	1.6	2.1	4.9	6.5	7.4	43.6	6.6	810
	09-11	9.6	5.6	5.6	3.8	2.5	3.2	3.1	5.3	8.3	7.3	45.8	7.0	810
	12-14	7.2	4.3	2.5	2.7	3.0	4.0	3.1	6.2	11.2	8.1	47.8	7.5	810
	15-17	5.3	4.9	3.3	2.7	3.1	2.3	4.3	7.7	10.6	8.3	47.4	7.6	810
	18-20	8.5	4.4	6.8	5.8	4.8	2.8	4.0	6.9	9.1	6.2	40.6	6.8	810
	21-23	17.2	6.8	7.7	6.2	6.4	2.8	4.6	4.0	7.3	3.3	33.8	5.6	810
TOTALS		12.5	6.0	5.7	5.0	4.2	2.9	3.8	5.4	7.8	6.0	40.9	6.5	6480

USAFETAC

FORM 0-9.5 (OLI)

PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE.

SKY COVER

MAY

MONTH

MONTH	HOURS (L.S.T.)	PERCENTAGE FREQUENCY OF TENTHS OF TOTAL SKY COVER											MEAN TENTHS OF SKY COVER	TOTAL NO. OF OBS
		0	1	2	3	4	5	6	7	8	9	10		
MAY	00-02	20.5	7.7	9.3	6.9	6.5	2.3	4.7	3.7	6.3	4.1	28.0	5.1	835
	03-05	13.5	9.6	9.4	7.2	6.2	2.3	3.9	6.0	7.2	4.8	29.9	5.5	836
	06-08	12.3	6.2	6.7	6.2	5.3	3.7	3.3	5.7	7.9	6.3	36.3	6.2	837
	09-11	8.7	6.1	5.1	6.5	5.6	4.3	3.7	5.5	9.2	6.8	38.4	6.6	836
	12-14	5.4	3.8	2.2	5.1	4.8	5.6	6.3	7.5	13.7	11.0	34.5	7.2	837
	15-17	5.3	3.3	2.0	3.7	5.6	4.1	6.5	11.5	12.5	9.3	36.2	7.3	837
	18-20	5.3	4.1	5.6	5.4	5.6	4.9	6.8	8.2	11.2	6.2	36.7	6.9	834
	21-23	9.8	6.0	8.2	7.9	7.9	4.6	6.4	6.6	7.2	4.1	31.3	5.9	833
TOTALS		10.1	5.9	6.1	6.1	5.9	4.0	5.2	6.8	9.4	6.6	33.9	6.3	6685

FORM
JUL 64

0.9.5 (OLI)

PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE.

DATA PROCESSING DIVISION
ETAC/USAF
AIR WEATHER SERVICE/MAC

SKY COVER

94010

GLASGOW MONTANA AFB

60-67

JUN

STATION

STATION NAME

PERIOD

MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

MONTH	HOURS (L.S.T.)	PERCENTAGE FREQUENCY OF TENTHS OF TOTAL SKY COVER											MEAN TENTHS OF SKY COVER	TOTAL NO. OF OBS.
		0	1	2	3	4	5	6	7	8	9	10		
JUN	00-02	24.9	8.6	10.3	6.3	3.2	2.9	2.9	5.0	5.2	3.3	23.3	4.6	719
	03-05	15.2	12.4	11.8	5.8	6.3	3.5	4.0	5.4	7.8	5.0	22.8	4.9	719
	06-08	15.4	12.8	7.4	6.5	5.1	3.9	2.2	5.7	6.8	7.9	26.3	5.3	720
	09-11	9.7	11.1	9.3	5.8	6.4	5.3	4.6	6.4	8.1	10.0	23.3	5.6	720
	12-14	6.7	6.1	7.1	6.8	6.7	7.2	7.8	8.2	10.4	10.3	22.8	6.1	720
	15-17	4.7	6.8	5.4	9.0	8.5	6.0	5.6	6.5	14.3	11.7	21.5	6.2	720
	18-20	6.0	7.5	7.8	7.5	5.6	4.9	5.3	8.1	11.8	8.5	27.1	6.2	719
	21-23	12.5	10.1	7.6	7.2	6.1	4.9	4.2	6.8	6.8	6.5	27.2	5.5	720
TOTALS		11.9	9.4	8.3	6.9	6.2	4.8	4.6	6.5	8.9	7.9	24.5	5.6	5754

USAFETAC

FORM 0.9.5 (OLI)

PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE.

2
DATA PROCESSING DIVISION
ETAC/USAF
AIR WEATHER SERVICE/MAC

SKY COVER

94010
STATION

GLASGOW MONTANA AFB
STATION NAME

59_67
PERIOD

JUL
MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

MONTH	HOURS (L.S.T.)	PERCENTAGE FREQUENCY OF TENTHS OF TOTAL SKY COVER											MEAN TENTHS OF SKY COVER	TOTAL NO. OF OBS
		0	1	2	3	4	5	6	7	8	9	10		
JUL	00-02	36.5	9.6	9.1	6.6	5.9	2.8	4.1	4.1	4.0	3.0	14.1	3.4	799
	03-05	24.3	14.7	10.5	8.1	6.2	3.3	4.4	6.3	6.5	5.3	10.5	3.8	812
	06-08	25.0	14.3	12.1	7.0	7.3	3.9	5.1	6.1	6.3	5.7	7.3	3.6	825
	09-11	25.2	12.4	12.3	9.0	7.8	6.3	3.6	4.7	6.4	4.1	8.2	3.5	830
	12-14	16.3	11.2	13.5	11.0	7.0	7.1	4.6	6.4	7.1	5.4	10.2	4.2	827
	15-17	10.9	11.1	11.3	12.7	8.3	8.2	8.3	6.8	9.0	5.3	8.1	4.4	829
	18-20	16.2	12.1	9.8	10.5	7.3	6.2	5.3	7.9	9.9	8.1	6.5	4.3	825
	21-23	24.6	11.2	8.3	9.6	5.7	3.9	5.8	7.0	7.5	4.7	11.7	4.0	804
TOTALS		22.4	12.1	10.9	9.3	6.9	5.2	5.2	6.2	7.1	5.2	9.6	3.9	6551

USAFETAC

FORM 0.9-3 (OLI)

PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE.

2

SKY COVER

AUG
MONTH

MONTH	HOURS [L.S.T.]	PERCENTAGE FREQUENCY OF TENTHS OF TOTAL SKY COVER											MEAN TENTHS OF SKY COVER	TOTAL NO. OF OBS.
		0	1	2	3	4	5	6	7	8	9	10		
AUG	00-02	40.6	9.9	10.2	6.8	4.4	3.0	3.5	3.8	3.0	1.4	13.4	3.0	836
	03-05	34.9	11.8	11.4	7.9	5.4	2.7	2.6	4.3	4.4	1.4	13.1	3.2	837
	06-08	23.9	11.9	8.1	7.5	6.0	2.6	5.0	7.5	7.5	6.3	13.5	4.2	837
	09-11	22.3	9.8	8.1	6.9	6.0	4.1	5.4	7.3	8.6	6.3	15.2	4.3	837
	12-14	15.3	6.1	9.1	7.5	6.5	6.1	8.4	11.1	8.1	6.6	15.3	5.1	837
	15-17	11.7	8.1	7.8	10.9	10.6	6.9	5.3	7.5	9.9	7.6	13.6	5.0	837
	18-20	16.1	13.6	9.6	8.6	6.8	4.7	6.0	8.5	6.1	6.7	13.4	4.5	837
	21-23	27.6	13.3	9.3	8.5	6.0	3.8	5.0	5.6	3.9	2.6	14.3	3.7	837
TOTALS		24.1	10.6	9.2	8.1	6.5	4.2	5.2	7.0	6.4	4.9	14.0	4.2	6695

SKY COVER

59-67

SEP

STATION

STATION NAME

PERIOD

MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

MONTH	HOURS (L.S.T.)	PERCENTAGE FREQUENCY OF TENTHS OF TOTAL SKY COVER											MEAN TENTHS OF SKY COVER	TOTAL NO. OF OBS
		0	1	2	3	4	5	6	7	8	9	10		
SEP	00-02	39.8	9.0	6.7	3.5	2.0	1.6	3.2	5.8	3.1	2.7	22.7	3.8	810
	03-05	37.5	8.7	4.3	4.1	3.0	3.2	2.3	4.2	5.2	4.4	23.1	4.1	809
	06-08	21.6	8.1	6.8	4.8	3.8	3.5	3.8	8.5	6.7	8.6	23.7	5.2	810
	09-11	20.1	7.9	5.6	4.1	4.6	2.7	3.6	8.1	7.7	7.9	27.8	5.5	810
	12-14	17.5	8.5	5.8	4.9	3.5	3.7	4.1	5.4	10.0	11.2	25.3	5.6	810
	15-17	16.0	7.4	6.7	5.4	4.2	4.3	4.7	7.2	9.8	10.9	23.5	5.6	810
	18-20	20.9	8.5	7.0	5.1	5.6	4.2	4.1	7.2	9.1	6.8	21.6	5.1	810
	21-23	34.3	7.0	8.1	4.8	3.3	3.1	4.8	4.3	4.7	3.2	22.2	4.1	810
TOTALS		26.0	8.1	6.4	4.6	3.8	3.3	3.8	6.3	7.0	7.0	23.7	4.9	6479

USAFETAC

FORM 0.9-5 (OLI)

PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE.

2

SKY COVER

267

MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

MONTH	HOURS (L.S.T.)	PERCENTAGE FREQUENCY OF TENTHS OF TOTAL SKY COVER											MEAN TENTHS OF SKY COVER	TOTAL NO. OF OBS
		0	1	2	3	4	5	6	7	8	9	10		
OCT	00-02	31.9	8.8	8.1	6.2	4.8	1.6	2.6	3.9	3.5	3.6	25.0	4.2	837
	03-05	30.5	9.2	9.7	6.6	3.8	2.0	4.7	4.7	4.1	2.9	22.0	4.1	837
	06-08	15.5	9.8	8.6	6.6	3.7	4.2	3.2	6.1	8.1	8.1	26.0	5.4	837
	09-11	14.0	9.7	5.9	6.9	4.1	3.3	3.2	7.5	7.8	8.7	28.9	5.8	837
	12-14	10.6	6.7	7.6	7.0	7.0	4.2	4.1	7.4	6.1	10.8	28.4	6.0	837
	15-17	10.6	5.9	5.3	7.0	5.4	4.5	6.0	7.9	9.0	11.0	27.5	6.2	837
	18-20	16.6	7.2	6.7	7.3	7.2	4.5	6.9	6.8	6.5	5.0	25.3	5.3	837
	21-23	26.2	7.6	10.2	8.8	4.9	2.9	3.6	5.6	3.9	3.5	22.8	4.4	837
TOTALS		19.5	8.1	7.8	7.1	5.1	3.4	4.3	6.2	6.1	6.7	25.7	5.2	6696

PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE.

SKY COVER

59-67

NOV
MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

MONTH	HOURS (L.S.T.)	PERCENTAGE FREQUENCY OF TENTHS OF TOTAL SKY COVER										MEAN TENTHS OF SKY COVER	TOTAL NO. OF OBS	
		0	1	2	3	4	5	6	7	8	9			10
NOV	00-02	20.8	6.8	10.5	5.1	5.7	3.5	2.8	4.6	5.8	4.0	30.5	5.2	809
	03-05	19.8	6.4	8.1	6.2	4.3	3.3	3.7	4.2	7.0	5.4	31.5	5.5	810
	06-08	12.8	5.1	7.9	6.5	4.6	3.2	3.6	8.8	5.3	7.2	35.1	6.2	810
	09-11	10.2	5.7	5.2	5.8	3.1	3.6	3.2	4.2	6.5	9.9	42.6	6.8	810
	12-14	9.9	6.2	4.0	5.1	3.2	2.5	2.6	5.6	7.4	11.9	41.9	6.9	810
	15-17	8.3	4.9	4.4	6.8	4.0	1.5	3.8	7.9	7.3	11.0	40.1	6.9	810
	18-20	13.6	5.8	7.7	9.5	6.0	3.1	4.2	4.6	6.4	4.1	35.1	5.9	810
	21-23	20.9	6.5	8.3	5.8	4.0	4.2	4.0	4.8	3.8	3.6	34.2	5.4	810
TOTALS		14.5	5.9	7.0	6.4	4.4	3.1	3.5	5.6	6.2	7.1	36.4	6.1	8479

USAFETAC **FORM** **0.9.5 (OLI)** **PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE**
100-44

DATA PROCESSING DIVISION
ETAC/USAF
AIR WEATHER SERVICE/MAC

SKY COVER

94010 GLASGOW MONTANA AFB

STATION STATION NAME

59-67

DEC
MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

MONTH	HOURS (L.S.T.)	PERCENTAGE FREQUENCY OF TENTHS OF TOTAL SKY COVER										MEAN TENTHS OF SKY COVER	TOTAL NO. OF OBS.	
		0	1	2	3	4	5	6	7	8	9			10
DEC	00-02	21.3	7.3	6.2	5.1	3.3	3.3	3.3	4.5	4.8	3.9	36.8	5.6	837
	03-05	24.3	6.9	8.0	6.5	3.7	1.9	3.7	3.7	3.9	1.6	35.8	5.2	837
	06-08	14.5	7.8	8.8	7.8	4.5	3.8	2.7	5.0	5.7	4.4	34.9	5.7	837
	09-11	4.7	6.0	7.9	4.9	3.2	4.5	3.3	6.7	9.2	9.4	40.1	7.0	837
	12-14	5.7	4.2	7.0	4.2	3.6	2.7	3.2	5.5	9.0	13.6	41.2	7.2	837
	15-17	7.4	4.3	5.7	5.4	5.1	3.6	5.0	7.2	9.6	8.2	38.5	6.9	837
	18-20	13.3	7.9	8.4	4.9	5.5	2.7	3.8	4.2	3.6	3.3	42.4	6.1	837
	21-23	20.3	5.6	5.9	4.3	5.7	1.7	3.8	3.6	4.3	4.4	40.4	5.9	837
TOTALS		13.9	6.3	7.2	5.4	4.3	3.0	3.6	5.1	6.3	6.1	38.8	6.2	6696

DATA PROCESSING DIVISION
ETAC/USAF
AIR WEATHER SERVICE (MAC)
ASHEVILLE, NORTH CAROLINA

PART E PSYCHROMETRIC SUMMARIES

In this section are presented various summaries of dry- and wet-bulb temperatures, dew points, and relative humidity. The order and manner of presentation follows:

1. Cumulative percentage frequency of occurrence - derived from daily observations and presented by month and annual for all years combined. These tabulations provide the cumulative percentage frequency to tenths of temperature by 5-degree Fahrenheit increments, plus mean temperature, standard deviation, and total number of observations in three separate tables as follows:
 - a. Daily maximum temperature
 - b. Daily minimum temperature
 - c. Daily mean temperature
2. Extreme values - derived from daily observations with extreme value given for each year and month of record available. Extremes are provided for a month if all days for a month contain valid observations. All months for a year must have valid extremes before the ANNUAL value is selected for that year. Means and standard deviations are computed for months and annual when four or more values are present for any column. Two tables of daily extreme temperatures are prepared:
 - a. Extreme maximum temperature
 - b. Extreme minimum temperature

NOTE: A supplementary list also provides extreme temperatures when less than a full month is reported.
3. Bivariate percentage frequency distribution and computations of dry-bulb versus wet-bulb temperature. This tabulation is derived from hourly observations and is presented by month and annual, all hours and all years combined. The following information is provided:
 - a. The main body of the summary consists of a bivariate percentage frequency distribution of wet-bulb depression in 17 classes spread horizontally; by 2-degree intervals of dry-bulb temperature vertically. Also provided for each dry-bulb temperature interval is the percentage of observations with dry-bulb and wet-bulb temperature combined; and again for dry-bulb, wet-bulb, and dew-point temperatures separately. Total observations for these four items is also provided in two lines at end of each tabulation table, which may require two pages in some cases.

NOTE: A percentage frequency in this table of ".0" represents one or more occurrences amounting to less than .05 percent.

- b. Statistical data for the individual elements of relative humidity, dry-bulb, wet-bulb, and dew-point temperatures are shown in the section at the bottom left of the forms. These consist of the sum of squares ($\sum X^2$), sums of values ($\sum X$), means (\bar{X}), and standard deviations (σx). The number of observations used in the computations for each element is also shown.
- c. At the lower right of the form are given the mean number of hours of occurrence for six ranges of dry-bulb, wet-bulb, and dew-point temperatures, and total number of hours possible in the period represented. Mean number of hours is shown to tenths and indicates mean number of hours per year in the annual summary, or mean number of hours per month in the tabulations by month.

NOTE: Wet-bulb temperature usually was not reported prior to 1946. Relative humidity usually was not reported prior to 1949, nor subsequent to June 1958; and was computed by machine methods for observations recorded during these periods. All values of dew-point temperature and relative humidity are with respect to water, unless otherwise indicated.

- 4. Means and standard deviations - These tabulations are derived from hourly observations and present the mean, standard deviation, and total number of observations for the eight standard 3-hour groups, by month and annual and again at the bottom for all hours combined. Records for all years available are combined. Tables are prepared for the following:
 - a. Dry-bulb temperature
 - b. Wet-bulb temperature
 - c. Dew-point temperature
- 5. Cumulative percentage frequency of occurrence of relative humidity - This summary is derived from hourly observations and presents the cumulative percentage frequency of occurrence of relative humidity by increments of 10% classes, plus the mean relative humidity and total number of observations in two tables.
 - a. Table 1 is prepared by month and annual, all years combined, with month being the vertical argument.
 - b. Table 2 is prepared by month by standard 3-hour groups, with the hour groups being the vertical argument and a separate page for each month. All years are also combined for this summary.

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DATA PROCESSING DIVISION
 USAF ETAC
 AIR WEATHER SERVICE/MAC
 94010 GLASGOW MONTANA AFB
 STATION STATION NAME

59-68

DAILY TEMPERATURES

CUMULATIVE PERCENTAGE FREQUENCY OF OCCURRENCE
 (FROM DAILY OBSERVATIONS)

MAXIMUM

TEMP. °F.	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ANNUAL
100							1.7	1.7					1.1
95						1.4	5.6	3.2					1.9
90					1.7	17.7	16.4	7.0					3.3
85					1.4	8.7	36.8	33.3	7.4				7.3
80				1.1	5.8	21.7	59.0	50.0	15.6	1.4			12.4
75				2.6	16.5	40.4	85.0	72.0	26.5	5.4			20.6
70			1.1	3.7	24.8	59.6	94.4	84.7	43.3	16.1			24.9
65			2.5	7.8	42.4	79.6	98.9	93.5	55.2	23.7	1.7		33.2
60			6.1	19.3	59.0	90.4	99.6	98.9	71.5	40.5	3.3		40.3
55			11.5	37.4	74.8	100.0	100.0	99.6	81.5	60.9	7.0		47.2
50	.4	1.2	20.8	52.6	91.4	100.0		100.0	89.6	73.8	15.9	1.4	53.6
45	1.8	4.3	30.5	64.8	95.7				95.6	63.9	26.3	5.7	58.8
40	9.7	11.8	41.2	78.5	98.9				97.8	92.3	38.9	16.1	65.2
35	19.7	26.7	54.8	88.5	99.3				99.6	96.8	60.0	26.9	72.3
30	33.3	45.1	64.5	97.0	100.0				100.0	98.6	75.9	41.2	79.5
25	41.2	59.2	74.6	99.3						99.6	83.0	54.5	84.1
20	49.1	68.2	83.5	100.0						100.0	87.0	64.2	87.5
15	59.5	75.5	87.5								90.7	72.8	90.4
10	67.0	81.6	91.8								94.4	79.6	92.8
5	75.6	89.4	94.3								97.8	87.5	95.3
0	82.8	93.7	97.5								99.3	93.5	97.2
-5	88.9	97.3	99.3								100.0	96.4	98.5
-10	94.6	99.2	100.0									99.3	99.4
-15	98.9	99.6										99.6	99.8
-20	100.0	100.0											100.0
-25												100.0	100.0
MEAN	18.0	24.6	34.9	49.6	62.5	72.2	82.0	79.6	66.4	56.6	36.0	23.8	50.3
S. D.	16.86	14.17	16.74	11.91	10.76	8.87	7.66	9.43	12.50	11.62	13.57	15.01	29.14
TOTAL OBS.	279	239	279	270	278	240	266	279	270	279	270	279	3244

USAF ETAC FORM 0-21-5 (OL 1) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

2

DATA PROCESSING DIVISION
 USAF ETAC
 AIR WEATHER SERVICE/MAC
 94010 GLASGOW MONTANA AFB
 STATION STATION NAME

59-68

YEARS

DAILY TEMPERATURES

CUMULATIVE PERCENTAGE FREQUENCY OF OCCURRENCE
 (FROM DAILY OBSERVATIONS)

MINIMUM

TEMP (°F)	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ANNUAL
70							3.0	2.2					.4
65					.4	1.7	16.2	7.9	1.1				2.3
60					.7	9.6	42.5	26.9	4.1				4.9
55					6.1	28.3	75.2	97.7	13.3	.4			14.9
50					12.6	63.3	95.5	97.1	28.5	5.7			24.0
45			.4	2.2	33.8	87.5	99.2	96.8	53.0	13.6			31.6
40			1.1	9.6	63.7	99.2	100.0	99.6	72.6	32.3	1.1		39.4
35		.8	6.5	26.3	83.1	100.0		100.0	87.4	58.1	4.8	.7	46.9
30	.4	1.6	11.5	37.4	88.5				92.6	67.4	10.0	1.4	50.5
25	3.6	5.1	22.2	54.8	94.6				95.2	81.7	16.7	5.4	56.3
20	5.6	11.0	39.1	78.9	98.9				98.5	92.5	34.8	14.0	64.5
15	17.9	23.5	51.6	91.5	100.0				100.0	97.1	59.3	20.9	72.1
10	25.8	39.7	62.0	97.4						99.6	68.9	41.2	77.4
5	34.1	47.5	73.8	98.5						100.0	78.1	50.5	81.8
0	43.7	56.9	79.9	99.6							85.2	61.6	85.5
-5	52.3	67.6	84.2	100.0							92.6	70.3	88.8
-10	61.3	80.4	88.9								94.6	79.6	92.0
-15	71.0	86.7	92.1								97.4	84.2	94.2
-20	81.0	94.5	96.1								99.3	90.7	96.7
-25	90.7	98.4	98.9								100.0	95.7	98.6
-30	97.8	99.2	100.0									98.6	99.6
-35	99.6											100.0	99.9
-40	100.0	99.6											100.0
		100.0											100.0
MEAN	1.5	7.4	16.7	30.0	41.7	51.4	58.5	55.9	44.5	33.9	18.6	8.0	30.8
S. D.	16.244	14.178	15.091	7.551	7.420	5.957	5.709	6.136	8.611	7.801	12.121	15.304	22.094
TOTAL OBS.	279	283	279	270	278	240	266	279	270	279	270	279	3244

USAF ETAC FORM 0-21-5 (OL 1) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

2

DATA PROCESSING DIVISION
USAF ETAC
AIR WEATHER SERVICE/MAC
94010 GLASGOW MONTANA AFB
STATION STATION NAME

59-68

YEARS

DAILY TEMPERATURES

CUMULATIVE PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM DAILY OBSERVATIONS)

V.F.A.

TEMP (°F)	JAN.	FEB.	MAR.	APR.	MAY	JUN.	JUL.	AUG.	SEP.	OCT.	NOV.	DEC.	ANNUAL
85							1.1	.7					.2
80						.4	7.1	4.7	.4				1.0
75					.7	5.0	28.9	22.9	2.2				5.0
70					1.4	12.9	54.5	43.0	8.1				9.9
65				.7	9.0	35.4	83.8	69.2	21.1	2.5			18.2
60			.4	2.6	20.5	64.2	97.0	87.8	35.9	9.3			26.0
55				4.4	38.1	85.4	99.6	96.4	53.7	18.6			32.5
50			2.9	14.1	59.4	98.7	100.0	99.6	74.4	38.4	.7		40.1
45			9.3	33.7	80.9	100.0		100.0	85.9	60.9	7.0		47.7
40	.7	2.4	20.8	53.7	94.6				93.3	77.1	15.9	1.8	54.7
35	5.4	7.1	33.0	74.8	97.8				97.8	90.0	28.1	8.6	61.6
30	12.5	16.1	49.5	87.4	99.3				99.6	96.1	48.9	20.1	68.9
25	25.1	31.4	57.7	96.3	100.0				100.0	98.6	68.5	38.3	75.7
20	34.1	46.7	68.8	98.5						100.0	78.5	46.6	80.9
15	39.4	60.8	78.1	99.6							84.4	59.9	85.0
10	51.6	68.6	83.5	100.0							90.0	68.5	88.4
5	59.9	77.3	88.5								94.4	75.3	91.2
0	68.5	86.7	91.4								95.6	82.8	93.6
-5	78.5	92.2	95.3								98.9	89.2	96.1
-10	85.7	97.6	98.2								99.6	94.6	97.9
-15	93.2	99.2	100.0								100.0	98.9	99.3
-20	98.6											99.6	99.8
-25	100.0												99.9
-30		100.0										100.0	100.0
MEAN	9.7	16.2	26.0	40.1	52.5	62.0	70.5	68.0	55.7	46.5	27.5	16.0	40.9
S.D.	16.2	13.7	15.6	9.1	8.5	6.7	6.1	7.2	10.0	9.2	12.4	14.8	23.4
TOTAL OBS.	279	285	279	270	278	240	266	279	270	279	270	279	3246

USAF ETAC FORM 0-21-5 (OL 1) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

DATA PROCESSING DIVISION
USAF ETAC
AIR WEATHER SERVICE/MAC

444

94010
STATION

GLASGOW MONTANA AFB
STATION NAME

59-68

YEARS

EXTREME VALUES

MAXIMUM TEMPERATURE
FROM DAILY OBSERVATIONS:

4104 DEGREES FAHRENHEIT

[illegible]

USAF ETAC FORM 0-88-5 (OLI)

●●●●●

94010
STATION

GLASGOW MONTANA AFB
STATION NAME

59-66

YEARS

* MAXIMUM TEMPERATURE
FROM DAILY OBSERVATIONS

WHOLE DEGREES FAHRENHEIT
/BASED ON LESS THAN FULL MONTHS/

[illegible]

USAF ETAC FORM 0-88-5 (OLI)

DATA PROCESSING DIVISION
USAF ETAC
AIR WEATHER SERVICE/MAC

EXTREME VALUES

MINIMUM TEMPERATURE
FROM DAILY OBSERVATIONS

9401G
STATION

GLASLOW MONTANA AFB
STATION NAME

59m68

YEARS

WHOLE DEGREES FAHRENHEIT

[illegible]

III

94010
STATION

GLASSBORO MONTANA AFB
STATION NAME

29-6d

YEARS

MINIMUM TEMPERATURE

FROM DAILY OBSERVATIONS

WHOLE DEGREES FAHRENHEIT
/BASED ON LESS THAN FULL MONTHS/

[illegible]

USAF ETAC FORM 0-88-5 (OLI)

DATA PROCESSING DIVISION
USAF ETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

94010 GLASGOW MONTANA AFB
STATION STATION NAME

59-68

YEARS

A11

PAGE 1

All

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F)																															TOTAL				TOTAL			
	0	1-2	3-4	5-6	7-8	9-10	11-12	13-14	15-16	17-18	19-20	21-22	23-24	25-26	27-28	29-30	> 31	D.B. W.B.	Dry Bulb	Wet Bulb	Dew Point																		
102/101																		.0	1	1																			
100/ 99																		.0	12	12																			
98/ 97																		.0	34	34																			
96/ 95														.0	.0	.0	.0	.0	50	50																			
94/ 93											.0	.0	.0	.0	.0	.0	.0	.0	101	101																			
92/ 91											.0	.0	.0	.0	.0	.1	.0	.0	151	151																			
90/ 89									.0	.0	.0	.0	.0	.1	.1	.1	.0	.0	301	301																			
88/ 87									.0	.0	.0	.1	.1	.1	.1	.1	.0	.0	383	383																			
86/ 85								.0	.0	.0	.1	.1	.1	.2	.1	.0			467	467																			
84/ 83						.0	.0	.0	.0	.1	.1	.1	.2	.1	.0	.0			560	560																			
82/ 81					.0	.0	.0	.1	.1	.1	.2	.2	.1	.0					691	691																			
80/ 79				.0	.0	.0	.1	.1	.2	.2	.3	.2	.1	.0					906	906																			
78/ 77			.0	.0	.0	.1	.1	.2	.2	.3	.3	.1	.0						1047	1047																			
76/ 75		.0	.0	.0	.1	.1	.2	.3	.4	.4	.2	.1	.0						1302	1302																			
74/ 73			.0	.0	.1	.1	.2	.3	.4	.4	.2	.1	.0						1236	1237	8																		
72/ 71		.0	.0	.1	.1	.2	.3	.4	.4	.2	.1	.0							1395	1401	38	1																	
70/ 69	.0	.0	.1	.1	.2	.3	.4	.4	.4	.2	.1	.0							1680	1684	114	3																	
68/ 67	.0	.0	.1	.2	.3	.4	.5	.5	.5	.3	.1	.0							1696	1697	282	8																	
66/ 65	.0	.0	.1	.2	.3	.4	.5	.5	.5	.4	.2	.0	.0						1927	1930	543	57																	
64/ 63	.0	.0	.2	.2	.3	.4	.4	.4	.4	.3	.1	.0							1966	1968	1031	145																	
62/ 61	.0	.1	.2	.3	.4	.5	.5	.5	.4	.3	.1	.0							2164	2167	1626	260																	
60/ 59	.0	.2	.3	.4	.5	.5	.5	.5	.2	.0	.0								2360	2367	2470	425																	
58/ 57	.0	.3	.3	.4	.4	.5	.5	.4	.1	.0									2297	2300	2896	672																	
56/ 55	.0	.3	.3	.4	.5	.5	.5	.3	.1	.0									2365	2367	3188	1132																	
54/ 53	.0	.3	.4	.4	.5	.5	.4	.2	.0	.0									2191	2193	3336	1468																	
52/ 51	.0	.4	.4	.4	.6	.6	.4	.1	.0										2236	2236	3232	1895																	
50/ 49	.0	.4	.5	.5	.6	.6	.2	.1	.0										2265	2265	3113	2042																	
48/ 47	.1	.4	.5	.6	.6	.5	.2	.0	.0										2164	2164	2984	2414																	
46/ 45	.1	.4	.5	.7																																			

DATA PROCESSING DIVISION
USAF ETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

94010 STATION GLASGOW MONTANA AFB STATION NAME

59-68

All

PAGE 2

All

DATA PROCESSING DIVISION
USAF ETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

94010 STATION GLASGOW MONTANA AFB STATION NAME

39-68

All

PAGE 3

ALL

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60-68

YEARS

JAN

All

USAFETAC FORM 0-26-5 (OLA)
REVISED PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

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AIR FORCE ENVIRONMENTAL TECHNICAL APPLICATIONS CENTER--ETC F/O 9/2
GLASSON AFB, GLASSON MONTANA. REVISED UNIFORM SUMMARY OF SURFAC--ETC(U)
APR 78

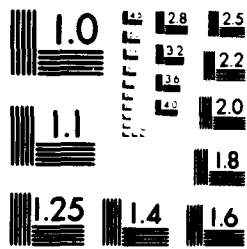
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MICROCOPY RESOLUTION TEST CHART
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2

YEARS

60-68

JAN
MONTH

ALL
HOURS (L. S. T.)

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0-26-5 (OL A)
REVISED PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

DATA PROCESSING DIVISION
USAF ETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

94010 GLASGOW MONTANA AFB
STATION STATION NAME

60-64

YEARS

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PAGE 1

ALL
HOURS (L. S. T.)

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2

YEARS

60-42

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HOURS 11.30 T.

USAFETAC FORM 0-26-5 (OLA)
REVERSED PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

DATA PROCESSING DIVISION
USAF ETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

94010 GLASGOW MONTANA AFB
STATION STATION NAME

60-68

YEARS

MAR
MONTH

PAGE 1

ALL
HOURS (L. S. T.)

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F)																				TOTAL		TOTAL	
	0	1-2	3-4	5-6	7-8	9-10	11-12	13-14	15-16	17-18	19-20	21-22	23-24	25-26	27-28	29-30	≥ 31	D.B. W.B.	Dry Bulb	Wet Bulb	Dew Point			
72/ 71											.0	.0						3	3					
70/ 69									.0	.0	.0	.0						5	5					
68/ 67								.0		.1	.0	.0						7	7					
66/ 65								.1		.0	.0	.0						8	8					
64/ 63									.1	.1	.1							12	12					
62/ 61						.0	.0	.1	.2	.1								24	24					
60/ 59						.0	.0	.1	.3	.0								30	30					
58/ 57					.0	.1	.1	.2	.2									38	38					
56/ 55				.0	.0	.2	.2	.3	.1									54	54					
54/ 53				.0	.1	.2	.4	.2	.0									62	62	5				
52/ 51				.1	.2	.3	.3	.1	.0									69	69	10				
50/ 49		.0	.0	.2	.4	.8	.3	.1										130	130	13				
48/ 47		.0	.1	.3	.8	.6	.3	.0										143	143	32				
46/ 45		.0	.2	.4	.9	.6	.3											159	159	61	3			
44/ 43		.1	.5	1.0	.7	.5	.1											191	191	121	9			
42/ 41		.2	.8	1.0	.9	.2												216	216	167	17			
40/ 39		.5	1.2	1.1	.9	.0												251	251	244	36			
38/ 37	.1	.7	2.1	1.5	.5	.0												328	328	287	82			
36/ 35	.1	1.1	2.3	1.2	.3													334	334	343	97			
34/ 33	.3	2.0	2.5	.8	.1													378	378	438	153			
32/ 31	.2	2.9	2.3	.3														384	384	484	283			
30/ 29	.2	3.0	2.1	.3														406	406	521	366			
28/ 27	.4	3.6	1.1	.1														360	360	478	494			
26/ 25	.7	3.5	.4	.1														322	322	445	536			
24/ 23	.7	3.6	.4	.0														309	309	362	516			
22/ 21	.9	2.4	.2															240	240	318	511			
20/ 19	.9	2.3	.3															241	250	251	531			
18/ 17	1.0	2.1	.2															215	223	226	627			
16/ 15	1.6	1.4	.1															203	209	233	364			
14/ 13	1.4	1.2	.0															170	180	188	290			
12/ 11	1.5	1.0																171	179	184	251			
10/ 9	1.4	.7																151	151	163	193			
8/ 7	1.1	.7																120	120	113	169			
6/ 5	.9	.7																103	103	110	161			
Element (X)	Σ X		Σ X		Σ X		Σ X		No. Obs.		Mean No. of Hours with Temperature													
Rel. Hum.											≤ 0 F		≤ 32 F		≥ 67 F		≥ 73 F		≥ 80 F		≥ 93 F		Total	
Dry Bulb																								
Wet Bulb																								
Dew Point																								

DATA PROCESSING DIVISION
USAF ETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

94010 GLASGOW MONTANA AFB
STATION STATION NAME

60-62

YEARS

APR
MONTH

PAGE 1

ALL
HOURS (L. S. T.)

[illegible]

PSYCHROMETRIC SUMMARY

60-68

APR
MONTH

PAGE 2 ALL
HOURS (L. S. T.)

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F)																												TOTAL	TOTAL		
	0	1-2	3-4	5-6	7-8	9-10	11-12	13-14	15-16	17-18	19-20	21-22	23-24	25-26	27-28	29-30	= 31	D.B.-W.B.	Dry Bulb	Wet Bulb	Dew Point											
16/ 15	.0	.2																15	15	34	259											
14/ 13	.0	.3																18	18	16	197											
12/ 11	.0	.2																11	13	17	96											
10/ 9	.1	.1																8	8	7	67											
8/ 7	.0	.0																4	4	7	56											
6/ 5		.0																1	1	1	51											
4/ 3		.0																2	2	1	33											
2/ 1		.0																3	3	4	30											
0/ -1		.1																4	4	5	16											
-2/ -3																					5											
-4/ -5																					1											
-6/ -7																					4											
-8/ -9																					3											
-10/-11																					2											
TOTAL	5.0	28.1	18.5	13.3	10.1	8.0	6.4	4.9	3.1	1.0	.8	.2	.2	.2	.2			6477	6480	6477	6477											

DATA PROCESSING DIVISION
USAF ETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

94010 GLASGOW MONTANA AFB
STATION STATION NAME

60-6A

YEARS

MAY
MONTH

PAGE 1

ALL
HOURS (L. S. T.)

DATA PROCESSING DIVISION
USAF ETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

96010 STATION GLASGOW MONTANA AFB STATION NAME

60-67

YEARS

JUN

PAGE 1

All

HOURS 11:30-1:30

DATA PROCESSING DIVISION
USAF ETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

94010 GLSGOW MONTANA AFB
STATION STATION NAME

59-67

YEARS

11

PAGE 1

ALL
HOURS : S. T. U.

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PSYCHROMETRIC SUMMARY

59-67

AUG
MONTH

PAGE 2

ALL
HOURS (1 - 5 - T -)

[illegible]

DATA PROCESSING DIVISION
USAF ETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

~~94010~~ STATION ~~GLASGOW MONTANA AFB~~ STATION NAME

59-67

YEARS

~~SEE~~

PAGE 2

HOURS (L. S. T.)

REVISED PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

0-26-5 (OLA)

USAFETAC

PSYCHROMETRIC SUMMARY

59-67

NOV 1964

PAGE 1

ALL

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F)																															TOTAL	TOTAL		
	0	1-2	3-4	5-6	7-8	9-10	11-12	13-14	15-16	17-18	19-20	21-22	23-24	25-26	27-28	29-30	≥ 31	D.B. W.B.	Dry Bulb	Wet Bulb	Dew Point														
68/ 67										.0	.0							3	3																
66/ 65										.0								2	2																
64/ 63										.0	.0							4	4																
62/ 61					.0	.0	.0	.0	.0									8	8																
60/ 59						.0	.0	.1	.1									16	16																
58/ 57						.0	.1	.1	.1									13	13																
56/ 55				.0	.1	.0	.2	.1	.0									29	29																
54/ 53				.1	.1	.2	.2	.1										39	39	2															
52/ 51			.0	.1	.1	.3	.5	.0										65	65	1															
50/ 49			.0	.1	.3	.6	.4											87	87	9															
48/ 47			.1	.2	.7	.6	.1											105	105	29	1														
46/ 45		.0	.1	.6	.8	.6	.2											134	134	34	1														
44/ 43		.1	.3	1.0	1.2	.7	.0											207	207	60	5														
42/ 41	.0	.2	.5	1.2	1.3	.3	.0											227	227	98	23														
40/ 39	.0	.3	.8	1.7	1.2	.1	.0											261	261	192	28														
38/ 37	.0	.6	1.9	1.5	.7	.1												309	309	229	26														
36/ 35	.0	1.6	2.1	1.8	.5													386	386	336	52														
34/ 33	.2	2.6	3.3	1.2	.1													457	457	486	128														
32/ 31	.4	3.1	2.8	.8	.0													452	452	571	252														
30/ 29	.3	4.3	2.2	.6														481	481	626	328														
28/ 27	.6	4.9	1.8	.2														443	443	519	320														
26/ 25	.5	4.6	1.5	.1														415	415	513	386														
24/ 23	.7	4.0	1.1															376	376	475	325														
22/ 21	.9	3.2	.5															289	289	433	391														
20/ 19	.9	2.6	.1															228	233	317	373														
18/ 17	.6	1.6	.2															152	157	182	465														
16/ 15	.5	1.7	.0															143	145	192	417														
14/ 13	.8	1.3	.1															138	140	166	297														
12/ 11	1.0	.9	.0															130	133	144	229														
10/ 9	1.1	.9																124	128	132	222														
8/ 7	.9	.9																121	128	122	173														
6/ 5	1.2	.7																																	

PSYCHROMETRIC SUMMARY

YEARS

NOV
MONTH

PAGE 2

HOURS (L. S. T.)

DATA PROCESSING DIVISION
USAF ETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

~~94010~~ STATION ~~GLASGOW MONTANA AFB~~ STATION NAME

39-67

YEARS

DEC
MONITOR

PAGE 1

ALL

HOURS (L.S.T.)

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2

DATA PROCESSING DIVISION
USAF ETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

94010 STATION GLASGOW MONTANA AFB STATION NAME

59-67

YEARS

DEC

MONTH

PAGE 2

ALL
HOURS (L, S, T.)

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F)																						TOTAL		TOTAL			
	0	1-2	3-4	5-6	7-8	9-10	11-12	13-14	15-16	17-18	19-20	21-22	23-24	25-26	27-28	29-30	> 31	D.B. W.B.	Dry Bulb	Wet Bulb	Dew Point	D.B. W.B.	Dry Bulb	Wet Bulb	Dew Point			
-14/-13	1.0	.1																				74	74	79	130			
-16/-17	1.0	.0																				64	64	66	103			
-18/-19	.7																					48	48	48	80			
-20/-21	.4																					29	30	29	101			
-22/-23	.3																					19	19	19	72			
-24/-25	.3																					21	22	21	69			
-26/-27	.2																					11	11	11	72			
-28/-29	.2																					13	13	13	61			
-30/-31	.1																					4	4	4	31			
-32/-33																									28			
-34/-35																									14			
-36/-37																									8			
-38/-39																									12			
-40/-41																									2			
TOTAL	33.8	4.3	13.7	5.7	2.0	.5	.0															6563	6696	6563	6563			

Element (X)	ΣX^2	ΣX	\bar{X}	σ^2	No. Obs.	Mean No. of Hours with Temperature						Total
Rel. Hum.	28843086	478872	73.012	390	6563	$\leq 0 F$	$\leq 32 F$	$\geq 67 F$	$\geq 73 F$	$\geq 80 F$	$\geq 93 F$	744
Dry Bulb	2401446	107872	16.108	742	6563	141.0	624.4					744
Wet Bulb	2831819	97209	14.814	842	6563	142.4	624.7					744
Dew Point	2128747	88211	8.918	718	6563	204.1	734.9					744

USAFETAC FORM 0-26-5 (OL A) REVERSED MIRROR EDITIONS OF THIS FORM ARE OBSOLETE

DATA PROCESSING DIVISION
USAF ETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

94010	GLASGOW MONTANA AFB
STATION	STATION NAME

60-68

YEARS

JAN
MONTH

PAGE 1 0900-1100
HOURS - L. S. T.

USAFETAC
FORM 0-26-5 (OLA)
JUL 64
REVISED PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

DATA PROCESSING DIVISION
USAF ETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

94010 GLASGOW MONTANA AFB
STATION STATION NAME

6044

YEARS

PAGE 1 - 1200-1400

PSYCHROMETRIC SUMMARY

60-68

YEARS

JAN
MONTH

PAGE 2 1200-1400
HOURS L.S.T.

[illegible]

PSYCHROMETRIC SUMMARY

60-68

YEARS

JAN
MONTH

PAGE 2 ~~1500-1700~~
HOURS (L. S. T.)

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F)																															TOTAL			TOTAL		
	0	1-2	3-4	5-6	7-8	9-10	11-12	13-14	15-16	17-18	19-20	21-22	23-24	25-26	27-28	29-30	≥ 31	D.B. W.B.	Dry Bulb	Wet Bulb	Dew Point																
16/-17	1.8	.1																16	16	17	21																
18/-19	1.2																	10	10	10	25																
20/-21	.7																	6	6	6	38																
22/-23	.2																	2	2	2	15																
24/-25																					16																
26/-27																					16																
28/-29																					15																
30/-31																					7																
32/-33																					3																
TOTAL	29.7	49.9	12.3	5.8	2.3	.1												832		837	832																

2

DATA PROCESSING DIVISION
USAF ETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

94010 STATION GLASGOW MONTANA AFB
STATION NAME

60-68

YEARS

JAN
MONTHPAGE 2 1800-2000
HOURS (L. S. T.)

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F)																															TOTAL		TOTAL	
	0	1-2	3-4	5-6	7-8	9-10	11-12	13-14	15-16	17-18	19-20	21-22	23-24	25-26	27-28	29-30	31	D.B. W.B.	Dry Bulb	Wet Bulb	Dew Point														
-22/-23	1.1																		9	9	9	32													
-24/-25	.1																		1	1	1	19													
-26/-27																						13													
-28/-29																						14													
-30/-31																						14													
-32/-33																						6													
-34/-35																						1													
TOTAL	41.4	44.2	9.9	3.7	.8														831	837		831													
							</																												

Element (X)	ΣX^2	ΣX	\bar{X}	σ^2	No. Obs.	Mean No. of Hours with Temperature					Total
Rel. Hum.	4448848	60003	72.2	11.579	831	$\leq 0 F$	$\leq 32 F$	$\geq 67 F$	$\geq 73 F$	$\geq 80 F$	$\geq 93 F$
Dry Bulb	138886	8928	10.8	16.928	831	29.8	82.9				93
Wet Bulb	281577	8085	9.7	16.060	831	30.3	87.3				93
Dew Point	272227	8247	9.9	17.802	831	38.6	93.0				93

USAFETAC FORM 0-26-5 (OL A) REVISED PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

DATA PROCESSING DIVISION
USAF ETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

24010 GLASGOW MONTANA AFB
STATION STATION NAME

60-68

YEARS

JAN
MONTH

PAC 1 2100-2300
HOURS - S. T. 1

HOURS S. T.)

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JAN

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REVISED PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

0-26-5 (01 A)

FROM

USAFETAC

DATA PROCESSING DIVISION
USAF ETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

94010 GLASGOW MONTANA AFB
STATION STATION NAME

60-68

FEB

PAGE 1 0000-0200
HOURS 10:50-11:00

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2

DATA PROCESSING DIVISION
USAF ETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

96010 GLASGOW MONTANA AFB
STATION STAT ON NAME

60-68

YEARS

FEB

MONTH

PAGE 2 0000-0200

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F)																															TOTAL		TOTAL	
	0	1-2	3-4	5-6	7-8	9-10	11-12	13-14	15-16	17-18	19-20	21-22	23-24	25-26	27-28	29-30	31	D.B. W.B.	Dry Bulb	Wet Bulb	Dew Point														
22/-23																						6													
24/-25																						8													
26/-27																						1													
28/-29	.1																	1	1	1		3													
30/-31																						1													
32/-33	.3																	2	2	2		1													
36/-37																						1													
40/-41																						2													
TOTAL	48.0	43.8	7.8	.3	.1													740	765	740	740														

Element (X)	ΣX^2	ΣX	\bar{X}	σ_x	No. Obs.	Mean No. of Hours with Temperature						Total
						$\leq 0^\circ \text{F}$	$\leq 32^\circ \text{F}$	$\leq 67^\circ \text{F}$	$\leq 73^\circ \text{F}$	$\geq 80^\circ \text{F}$	$\geq 93^\circ \text{F}$	
Rel. Hum.	4743179	58767	79.4	10.154	740							
Dry Bulb	328787	11059	14.9	14.646	765	16.7	76.8					84
Wet Bulb	290383	10319	13.9	14.076	740	17.1	80.0					84
Dew Point	248189	7013	9.5	15.682	740	24.0	83.0					84

FORM 44 0-26-5 (OL A) REVERSED PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

USAF/ETAC

DATA PROCESSING DIVISION
USAF ETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

94010 GLASGOW MONTANA AFB
STATION STATION NAME

60-68

558

PAGE 1 ~~0300-0500~~

0-26-5 (OIA)
REVISED PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

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DATA PROCESSING DIVISION
USAF ETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

94010 GLASGOW MONTANA AFB
STATION STATION NAME

60-68

YEARS

FEB
MONTH

PAGE 2 0300-0500
HOURS (L. S. T.)

[illegible]

REVISED PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

0-26-5 (OL A)

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USAFETAC

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60-68

FEB

USAFETAC 0-26-5 (OL A) FORM 0-26-5 (OL A) SERVED PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F)																												TOTAL		TOTAL		
	0	1-2	3-4	5-6	7-8	9-10	11-12	13-14	15-16	17-18	19-20	21-22	23-24	25-26	27-28	29-30	≥ 31	D.B. W.B.	Dry Bulb	Wet Bulb	Dew Point												
46/ 45				.3														2	2														
44/ 43				.1														1	1														
42/ 41			.3															2	2														
40/ 39			.1	.1														2	2	2													
38/ 37		.5	.7	.3														11	11	3													
36/ 35		.3	1.9															16	16	5													
34/ 33		1.2	1.1															17	17	13	1												
32/ 31	.3	2.5	.7															23	23	20	15												
30/ 29	.5	4.0	.3															36	36	42	16												
28/ 27	.5	2.5																23	23	35	42												
26/ 25	2.0	2.5	.3															36	36	34	41												
24/ 23	1.7	1.7	.3															28	28	34	35												
22/ 21	3.6	3.9																56	56	52	42												
20/ 19	2.5	2.3																36	36	42	33												
18/ 17	2.3	2.1																33	33	30	29												
16/ 15	3.1	2.5																42	44	43	47												
14/ 13	3.5	.7																31	31	35	36												
12/ 11	3.6	1.1																35	36	33	39												
10/ 9	3.6	.8																33	36	32	35												
8/ 7	3.6	1.2																36	37	37	35												
6/ 5	1.5	1.2																20	21	18	20												
4/ 3	2.7	.7																25	29	28	28												
2/ 1	3.1	.8																29	29	30	22												
0/ -1	3.6	.9																34	34	30	21												
-2/ -3	2.3	.3																19	19	24	25												
-4/ -5	2.3	.2																19	20	18	27												
-6/ -7	1.7	.5																17	17	18	21												
-8/ -9	.9	.1																8	9	9	21												
-10/-11	2.5																	19	19	19	10												
-12/-13	2.5	.4																22	22	18	14												
-14/-15	1.3																	10	10	13	12												
-16/-17	.9																	7	7	7	13												
-18/-19	.8																	6	6	6	22												
-20/-21	.1																	1	1	1	11												
Element (X)	Σ X ²		Σ X		X		Σ X		No. Obs.		Mean No. of Hours with Temperature																						
Rel. Hum.											≤ 0 F		≤ 32 F		≥ 67 F		≥ 73 F		≥ 80 F		≥ 93 F		Total										
Dry Bulb																																	
Wet Bulb																																	
Dew Point																																	

DATA PROCESSING DIVISION
USAF ETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

~~94010~~ STATION ~~GLASGOW MONTANA AFB~~ STATION NAME

60-68

YEARS

RED
MONTH

PAGE 2 ~~0600-0800~~
HOURS L. S. T.

[illegible]

DATA PROCESSING DIVISION
USAF ETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

94010 GLASGOW MONTANA AFB
STATION STATION NAME

60-68

YEARS

FEB
MONTH

PAGE 1 0900-1100
HOURS (L - S - T)

[illegible]

PSYCHROMETRIC SUMMARY

60-68

YEARS

FEB
MONTH

PAGE 2 0900-1100
HOURS (L. S. T.)

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F)																								TOTAL	TOTAL		
	0	1-2	3-4	5-6	7-8	9-10	11-12	13-14	15-16	17-18	19-20	21-22	23-24	25-26	27-28	29-30	≥ 31	D.B. W.B.	Dry Bulb	Wet Bulb	Dew Point							
20/-21																						13						
22/-23																						9						
24/-25		.3																2	2	2	5							
26/-27		.1																1	1	1	1							
30/-31		.4																3	3	3	2							
32/-33																					1							
34/-35																					1							
38/-39																					2							
40/-41																					2							
TOTAL	42.7	46.3	9.2	1.5	.3													758	763	758	758							

DATA PROCESSING DIVISION
USAF ETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

94010 GLASLOW MONTANA AFB
STATION STATION NAME

60-68

YEARS

FEB
MONTH

PAGE 2 ~~1500-1700~~

[illegible]

DATA PROCESSING DIVISION
USAF ETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

94010 GLASGOW MONTANA AFB
STATION STATION NAME

60-68

FEB

PAGE 1 1800-2000
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DATA PROCESSING DIVISION
USAF ETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

96010 STATION GLASGOW MONTANA AFB STATION NAME

60-68

YEARS

~~SECRET~~

PAGE 2 ~~1800-2000~~

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F)																															TOTAL				TOTAL			
	0	1-2	3-4	5-6	7-8	9-10	11-12	13-14	15-16	17-18	19-20	21-22	23-24	25-26	27-28	29-30	+31	D.B.	W.B.	Dry Bulb	Wet Bulb	Dew Point	D.B.	W.B.	Dry Bulb	Wet Bulb	Dew Point												
-18/-19	.1																				1	1	1				19												
-20/-21	.3																				2	2	2				9												
-22/-23																											4												
-24/-25	.1																				1	1	1																
-26/-27	.1																				1	1	1																
-28/-29	.1																				1	1	1																
-30/-31																											2												
-32/-33																											1												
-36/-37																											1												
-38/-39																											1												
-40/-41																											1												
TOTAL	16.0	48.1	11.7	3.2	1.1																755	765					755												

DATA PROCESSING DIVISION
USAF ETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

96010 GLASGOW MONTANA AFB
STATION STATION NAME

60-68

REF

PAGE 1 2100-2300

2

DATA PROCESSING DIVISION
USAF ETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

94010 GLASGOW MONTANA AFB
STATION STATION NAME

60-68

YEARS

FEB
MONTH

PAGE 2 2100-2300
HOURS L. S. T.

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F)																												TOTAL		TOTAL	
	0	1-2	3-4	5-6	7-8	9-10	11-12	13-14	15-16	17-18	19-20	21-22	23-24	25-26	27-28	29-30	31	D.B. W.B.	Dry Bulb	Wet Bulb	Dew Point											
20/-21	.3																			2	2	2	9									
22/-23																							5									
24/-25																							4									
26/-27	.1																			1	1	1	3									
28/-29	.3																			2	2	2	2									
30/-31																							2									
32/-33																							1									
36/-37																							3									
TOTAL	44.0	43.0	10.6	1.9	.5															755	765	755	755									

USAFETAC FORM 0-36-5 (O.L.A.)
JAN 64
REVISED PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

Element (X)	ΣX^2	ΣX	\bar{X}	σ_x	No. Obs.	Mean No. of Hours with Temperature						Total
Rel. Hum.	4756774	59390	75.7	10.619	755	$\leq 0 F$	$\leq 32 F$	$\leq 67 F$	$\leq 73 F$	$\leq 80 F$	$\leq 93 F$	
Dry Bulb	372282	12243	16.0	15.168	755	16.4	72.4					84
Wet Bulb	327772	11453	15.2	14.293	755	16.5	76.3					84
Dew Point	270082	8019	10.6	15.640	755	23.4	81.6					84

DATA PROCESSING DIVISION
USAF ETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

94010 STATION GLASGOW MONTANA AFB STATION NAME

60-6A

MAR
MONTH

PAGE 1 0000-0200

0000-0200
HOURS (L.S.Y.)

[illegible]

DATA PROCESSING DIVISION
USAF ETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

94010 STATION GLASGOW MONTANA AFB STATION NAME

60-68

YEARS

MAR 20 1974

PAGE 1 ~~0300-0500~~

DATA PROCESSING DIVISION
USAF ETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

74010 GLASGOW MONTANA AFB
STATION STATION NAME

60-68

YEARS

MAR
MONTH

PAGE 2 0300-0500
HOURS (L. S. T.)

[illegible]

REVEALED PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

0-26-5 (OL A)

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USAFETAC

DATA PROCESSING DIVISION
USAF ETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

94010 GLASGOW MONTANA AFB
STATION STATION NAME

60-68

YEARS

MAR
MONTH

PAGE 1 0600-0800
HOURS (L. S. T.)

[illegible]

DATA PROCESSING DIVISION
USAF ETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

94010 GLASGOW MONTANA AFB
STATION STATION NAME

60-68

YEARS

MARCH
MONTH

PAGE 2 ~~0600-0800~~

[illegible]

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2

60-48

YEARS

MAR
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~~990-1100~~

0-26-5 (OLA)
REVISED PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

USAFETAC

PSYCHROMETRIC SUMMARY

60-68

MAY
MONTH

PAGE 2 0900-1100
HOURS (L. S. T.)

[illegible]

USAFETAC FORM 0-20-5 (OLA)
REVISED PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

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MAR
MONTH

YEARS

0-26-5 (OLA)
REVISED PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

USAFETAC

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DATA PROCESSING DIVISION
USAF ETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

94010 STATION GLASGOW MONTANA AFB
STATION NAME

60-68

YEARS

MAR
MONTH

PAGE 2 1200-1400
HOURS (L. S. T.)

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F)																				TOTAL		TOTAL		
	0	1-2	3-4	5-6	7-8	9-10	11-12	13-14	15-16	17-18	19-20	21-22	23-24	25-26	27-28	29-30	>31	D.B. W.B.	Dry Bulb	Wet Bulb	Dew Point				
2/ 1	.4	1.2																	13	13	11	13			
0/ -1	.2	1.6																	15	15	15	9			
-2/ -3	.5	1.0																	12	12	14	9			
-4/ -5		.8																	7	7	4	14			
-6/ -7	.1	.7																	7	7	12	11			
-8/ -9	.1	.4																	4	4	3	12			
-10/-11	.1																		1	1	3	10			
-12/-13																						5			
-14/-15																						7			
-16/-17																						4			
-18/-19																						5			
-20/-21																						3			
-22/-23																						1			
TOTAL	9.1	34.7	16.4	11.0	9.8	7.2	3.9	4.4	2.6	.2	.4	.2							836	837	836	836			

Element (X)	Σ X'	Σ X	X	n	No. Obs.	Mean No. of Hours with Temperature						Total
Rel. Hum.	3518878	81937	68.118.488	836	± 0 F	± 32 F	± 67 F	± 73 F	± 80 F	± 93 F		
Dry Bulb	1000000	24350	31.924.488	837	5.1	48.9	.9				93	
Wet Bulb	751888	23447	34.923.308	836	5.7	55.8					93	
Dew Point	410000	18400	18.923.488	836	10.0	84.7					93	

USAFETAC FORM 0-26-5 (OLA)
REPLACES PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

PSYCHROMETRIC SUMMARY

60-68

YEARS

MAF

PAGE 1 ~~1500-1700~~

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F)																															TOTAL				TOTAL	
	0	1-2	3-4	5-6	7-8	9-10	11-12	13-14	15-16	17-18	19-20	21-22	23-24	25-26	27-28	29-30	+ 31	D.B. W.B.	Dry Bulb	Wet Bulb	Dew Point																
72/ 71											.1	.1						2	2																		
70/ 69										.1	.1							2	2																		
68/ 67										.2								2	2																		
66/ 65									.5	.2	.2							8	8																		
64/ 63									.1	.4	.4							7	7																		
62/ 61						.1	.2	.1	.7	.4								13	13																		
60/ 59					.2	.1	.2	1.0	.2									15	15																		
58/ 57					.2	.2	.2	.7										12	12																		
56/ 55					.2	.4	.2	1.0	.2									17	17																		
54/ 53					.1	.6	1.0	.7	.4									23	23	1																	
52/ 51				.2	.5	.8	.7	.2										21	21	8																	
50/ 49		.1	.1	.7	.8	1.2	.6	.4										33	33	6																	
48/ 47		.2	.2	.6	1.4	1.1	1.4											42	42	13																	
46/ 45			.5	.5	.4	1.2	1.0											29	29	27	1																
44/ 43			1.1	1.1	.7	1.1	.1											34	34	42	3																
42/ 41		.1	.7	1.2	1.8	.5												37	37	48	8																
40/ 39		.5	1.1	.7	1.6	.1												33	33	45	8																
38/ 37	.1		1.3	2.3	.8	.2												40	40	42	23																
36/ 35		1.1	2.2	1.2	1.0													45	45	51	19																
34/ 33	.2	1.4	2.2	.8	.2													41	41	72	23																
32/ 31	.2	1.8	1.2	.5														31	31	64	40																
30/ 29	.1	1.8	1.9	.4														35	35	51	49																
28/ 27	.1	2.3	.5	.1														25	25	42	59																
26/ 25	.2	2.7	.6	.4														33	33	35	57																
24/ 23	.5	3.7	.8															42	42	47	70																
22/ 21		3.0	.8															32	32	33	68																
20/ 19	.1	2.3	.2															22	22	32	60																
18/ 17	.4	1.2																13	13	23	57																
16/ 15	.8	1.6																20	20	20	58																
14/ 13	.4	1.1																12	12	16	35																
12/ 11	.8	1.2																17	17	14	35																
10/ 9	1.0	1.3																19	19	21	18																
8/ 7																																					

PSYCHROMETRIC SUMMARY

MAR
MONTH

HOURS (L, S, T.)

[illegible]

DATA PROCESSING DIVISION
USAF ETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

94010 STATION GLASGOW MONTANA AFB STATION NAME

60-68

4A

PAGE 1 1800-2000

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F)																															TOTAL		TOTAL	
	0	1-2	3-4	5-6	7-8	9-10	11-12	13-14	15-16	17-18	19-20	21-22	23-24	25-26	27-28	29-30	31	D.B. W.B.	Dry Bulb	Wet Bulb	Dew Point														
68/ 67										.1								1	1																
64/ 63									.2									2	2																
62/ 61						.1		.1										2	2																
60/ 59								.4	.1	.1								5	5																
58/ 57						.2	.1	.4										6	6																
56/ 55						.4	.4	.6										11	11																
54/ 53					.1	.1	.7	.2										10	10																
52/ 51				.2	.1	.1	.6	.1										10	10	1															
50/ 49			.1	.4	.5	1.2	.4	.1										22	22	2															
48/ 47		.1	.2	.5	1.0	.5	.2											21	21	8															
46/ 45			.6	.7	1.1	.6	.2											27	27	9	1														
44/ 43		.1	.5	1.7	.5	.5	.2											29	29	19	1														
42/ 41		.8	1.0	1.8	1.2	.6												45	45	26	3														
40/ 39		.6	1.6	.6	1.4													35	35	44	11														
38/ 37		.7	1.3	1.6	1.4													42	42	49	17														
36/ 35		.8	2.2	1.2	.4													38	38	40	14														
34/ 33		2.9	2.2	1.3														53	53	54	17														
32/ 31		.6	2.5	1.7	.7													54	54	82	41														
30/ 29	.1	3.7	2.2	.4														53	53	59	67														
28/ 27	.1	3.0	.8	.1														34	34	62	55														
26/ 25	.5	1.9	1.0	.1														29	29	46	67														
24/ 23	.4	2.2	.2															23	23	32	59														
22/ 21	.5	3.3	.4															35	35	32	58														
20/ 19	.7	3.2	.2															36	36	41	55														
18/ 17	.8	2.2																29	29	29	45														
16/ 15	1.1	1.8																24	24	28	71														
14/ 13	1.0	1.7																22	23	24	52														
12/ 11	1.1	1.3																20	20	20	35														
10/ 9	1.1	.5																13	13	16	29														
8/ 7	.4	1.1																12	12	11	18														
6/ 5	.8	1.2																17	17	14	14														
4/ 3	.6	1.0																13	13	18	13														
2/ 1	.5	.7																																	

DATA PROCESSING DIVISION
USAF ETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

94010 GLASGOW MONTANA AFB
STATION STATION NAME

60-68

YEARS

MAP

PAGE 2 1800-2000

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F)																														TOTAL			TOTAL		
	0	1-2	3-4	5-6	7-8	9-10	11-12	13-14	15-16	17-18	19-20	21-22	23-24	25-26	27-28	29-30	>31	D.B. W.B.	Dry Bulb	Wet Bulb	Dew Point															
-2/-3		1.6																13	13	10	13															
-4/-5	.6	.7																11	11	14	11															
-6/-7	.2	.2																4	4	6	1															
-8/-9	.6	.1																6	6	6	6															
-10/-11	.2																	2	2	3	11															
-12/-13	.8																	7	7	7	12															
-14/-15	.6																	5	5	5	11															
-16/-17																					7															
-18/-19																					5															
-20/-21																					5															
-22/-23																					6															
TOTAL	13.4	42.0	16.0	1.2	7.7	6.3	2.9	1.9	.4	.2								836	837	836	836															

2

YEARS

60-68

MAR
MONTH

200-240
HOURS / 1 - S - T - Y

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PSYCHROMETRIC SUMMARY

APP

HOURS 11.5. T.

[illegible]

DATA PROCESSING DIVISION
USAF ETAL
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

96010 STATION GLASGOW MONTANA AFB STATION NAME

60-68

YEARS

APR
MONTH

PAGE 2 0000-0200
HOURS (L. S. T.)

2

DATA PROCESSING DIVISION
USAF ETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

94010 GLASGOW MONTANA AFB
STATION STATION NAME

60-68
YEARS

YEARS

APR
MONTH

PAGE 1 0300-0500
HOURS (L. S. T.)

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F)																					TOTAL	TOTAL		
	0	1-2	3-4	5-6	7-8	9-10	11-12	13-14	15-16	17-18	19-20	21-22	23-24	25-26	27-28	29-30	≥ 31	D.B. W.B.	Dry Bulb	Wet Bulb	Dew Point				
58/ 57						.1	.2											3	3						
56/ 55						.1												1	1						
54/ 53					.1	.2	.1											4	4						
52/ 51				.2	.1	.2	.1											5	5						
50/ 49		.2	.5		.1	.1	.1											9	9						
48/ 47	.1	.2		.1	.2	.5												10	10	6	1				
46/ 45	.2		.4	1.0	.5	.1												18	18	12	5				
44/ 43		.1	1.0	1.1	1.1	.5												31	31	3	2				
42/ 41	.1	.7	1.9	2.8	2.0													58	58	13	3				
40/ 39	.2	.9	1.9	2.2	1.1	.1												52	52	36	11				
38/ 37	.1	2.5	2.5	1.6	1.1													63	63	44	10				
36/ 35	.4	3.6	2.7	1.6	.1													68	68	80	32				
34/ 33	.9	5.6	3.3	1.5														91	91	93	40				
32/ 31	1.2	5.3	2.9	.1														74	74	97	70				
30/ 29	1.0	7.2	2.6	.1	.1													89	89	106	74				
28/ 27	1.2	4.4	1.7	.2														62	62	93	93				
26/ 25	.4	4.6	.9															47	47	53	98				
24/ 23	.2	3.7	.2															34	34	60	73				
22/ 21	1.4	2.8	.4															37	37	44	55				
20/ 19	1.0	1.1	.4															20	20	24	74				
18/ 17	.2	1.2	.1															13	13	18	72				
16/ 15		.4																3	3	8	32				
14/ 13		.7																6	6	3	19				
12/ 11		.4																3	4	7	12				
10/ 9	.4	.1																4	4	4	6				
8/ 7		.1																1	1	2	5				
6/ 5																					7				
4/ 3																					4				
2/ 1		.1																1	1		6				
0/ -1		.2																2	2	3	2				
-8/ -9																					2				
-10/-11																					1				
TOTAL	9.1	46.4	22.5	12.7	6.6	2.1	.6											809	810	809	809				
Element (X)	Σ x ²		Σ x		Σ		Σ		Σ		No. Obs.		Mean No. of Hours with Temperature												
Rel. Hum.	4883883		58659		73.715		831		809		809		≤ 0 F	≤ 32 F	≥ 67 F	≥ 73 F	≥ 80 F	≥ 93 F	Total						
Dry Bulb	918740		36390		38.6		8.316		810		810		.3	44.1							90				
Wet Bulb	755429		24671		29.8		6.384		809		809		.3	58.1							90				
Dew Point	537679		19849		24.6		7.888		809		809		.6	78.4							90				

FORM 0-26-5 (OL A) REVERSED MIRROR EDITIONS OF THIS FORM ARE OBSOLETE

USAFETAC

2

DATA PROCESSING DIVISION
USAF ETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

84010 GLASGOW MONTANA AFB
STATION STATION NAME

60-68

YEARS

APR
MONTHPAGE 1 0600-0800
HOURS (L. S. T.)

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F)																															TOTAL	TOTAL		
	0	1-2	3-4	5-6	7-8	9-10	11-12	13-14	15-16	17-18	19-20	21-22	23-24	25-26	27-28	29-30	≥ 31	D.B. W.B.	Dry Bulb	Wet Bulb	Dew Point														
68/ 67											.1							1	1																
66/ 65										.1								1	1																
62/ 61									.1									1	1																
60/ 59					.1		.1	.1										3	3																
56/ 55				.2		.1	.3	.2										5	9																
54/ 53				.1		.1	.2	.1										5	5																
52/ 51				.4	.4	.5	.1											11	11	1															
50/ 49		.2		.2	.2	1.0	.1											15	15	4															
48/ 47		.1	.2	.2	1.2	.9	.2											24	24	8															
46/ 45	.4	.7	.9	1.2	.5	.5												34	34	7				6											
44/ 43		.4	1.2	1.1	1.4	.4												36	36	19				7											
42/ 41	.1	.6	1.7	2.2	1.2	.2												50	50	27				7											
40/ 39	.4	1.4	2.3	2.3	.7	.2												60	60	49				11											
38/ 37	.2	2.3	2.2	1.9	.4	.1												67	67	62				21											
36/ 35		3.1	3.0	1.6	.2													64	64	76				34											
34/ 33	.6	3.6	2.7	.9														79	79	87				38											
32/ 31	1.9	5.7	2.8	.5	.1													89	89	111				75											
30/ 29	.9	4.3	2.3															61	61	95				101											
28/ 27	1.0	4.2	1.4	.1	.1													95	95	61				96											
26/ 25	.9	4.6	.7	.1														30	30	69				79											
24/ 23	.2	1.7	.6															21	21	41				62											
22/ 21	1.2	1.5	.2	.1														25	25	30				75											
20/ 19	.7	1.4																19	20	22				92											
18/ 17	.2	1.2																12	12	16				93											
16/ 15	.1	.2																3	3	9				90											
14/ 13		.4																3	3	3				17											
12/ 11	.1	.1																2	2	2				7											
10/ 9	.1	.4																4	4	2				11											
8/ 7	.1	.1																2	2	4				5											
6/ 5																				1				7											
4/ 3		.1																1	1					3											
2/ 1		.1																1	1	2				5											
0/ -1		.1																1	1	1				4											
-2/ -3																								2											
Element (X)	Σ X ²		Σ X		Σ		σ ²		No. Obs.		Mean No. of Hours with Temperature							Total																	
Rel. Hum.											≤ 0 F	≤ 32 F	≈ 67 F	≈ 73 F	≈ 80 F	≈ 93 F			Total																
Dry Bulb																																			
Wet Bulb																																			
Dew Point																																			

FORM 0-26-3 (OL A)
REVISOR PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

USAFETAC
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DATA PROCESSING DIVISION
USAF ETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

94010 GLASGOW MONTANA AFB
STATION STATION NAME

60-68

YEARS

APR
MONTH

PAGE 1 0900-1100
HOURS (L. S. T.)

[illegible]

0-26-5 (OLA)

USAFETAC

2

YEARS

60-68

APR
MONTH

PAGE 2 0900-1100
HOURS (L. S. T.)

USAFETAC
FORM
0-26-5 (OLA)
REVISED PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

2

YEARS

APR
MONTH

HOURS 9:00-5:00

USAFETAC
FORM
JUL 64
0-26-5 (OLA)
SERVED PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

2

YEARS

60-68

APL

PAGE 2 ~~1500-1700~~

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DATA PROCESSING DIVISION
USAF ETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

~~94010~~ STATION ~~CLASCOM MONTANA AFB~~ STATION NAME



APP
MOSES

PAGE 1 ~~1800-2000~~

0-26-5 (OLA)
REVISED PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

DATA PROCESSING DIVISION
USAF ETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

94010 STATION GLASGOW MONTANA AFB STATION NAME

60-68

APR

PAGE 2 1800-2000

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F)																															TOTAL		TOTAL	
	0	1-2	3-4	5-6	7-8	9-10	11-12	13-14	15-16	17-18	19-20	21-22	23-24	25-26	27-28	29-30	31	D.B. W.B.	Dry Bulb	Wet Bulb	Dew Point														
12/ 11																						1	9												
10/ 9																							10												
8/ 7																							11												
6/ 5																							5												
4/ 3																							2												
2/ 1																							1												
0/ -1																							1												
-2/ -3																							1												
-4/ -5																							1												
TOTAL	3.0	17.4	16.3	13.8	12.7	12.5	10.1	7.7	3.2	1.2	.9	.5	.4	.2	.1			810				810													

DATA PROCESSING DIVISION
USAF ETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

94010 GLASGOW MONTANA AFB
STATION STATION NAME

60-68

APR
MON IN

PAGE 1 2100-2300
HOURS: M T W T F S S

DATA PROCESSING DIVISION
USAF ETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

~~94010~~ STATION ~~GLASGOW MONTANA AFB~~ STATION NAME

60-64

YEARS

APP
PAGE 2

PAGE 2 ~~2100-2300~~

0-26-5 (OLA)

USAFETAC

2

YEARS

60868

MAY
MONTH

010116-1826
HOTAS 105-11

2.

YEARS

60-68

442

~~0300-0500~~
ADURS 11-5-61

USAFETAC
FORM 2-6-5 (OL A)
REVISED PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

DATA PROCESSING DIVISION
USAF ETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

94010 GLASGOW MONTANA AFB
STATION STATION NAME

60-68
YEARS

MAY
MONTH

PAGE 1 0600-0800
HOURS (L. S. T.)

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F)																					TOTAL	TOTAL		
	0	1-2	3-4	5-6	7-8	9-10	11-12	13-14	15-16	17-18	19-20	21-22	23-24	25-26	27-28	29-30	≥ 31	D.B. W.B.	Dry Bulb	Wet Bulb	Dew Point				
74/ 73									.1									1	1						
72/ 71										.1								1	1						
70/ 69						.1	.2		.1	.1								5	5						
68/ 67							.1	.4	.1									5	5						
66/ 65					.4	.4	.4	.5	.1									11	11						
64/ 63					.6	.2	.5	.4	.2	.1								17	17						
62/ 61				.1	.4	.6	1.0	.4	.2									22	22						
60/ 59				.8	.8	.7	.8	.6										32	32	1					
58/ 57		.4	.4	.7	.6	1.6	1.0	.1										39	39	6					
56/ 55		.1	1.1	1.1	1.4	.6	.4											39	39	15	3				
54/ 53		.4	1.4	1.2	1.1	1.7	1.2	.2										60	60	25					
52/ 51		.4	1.1	.8	2.7	1.4	.6	.2										61	61	32	11				
50/ 49		1.6	1.7	2.5	1.7	1.8	.5											81	81	58	16				
48/ 47	.5	1.7	1.9	2.6	1.8	.5	.1											76	76	67	35				
46/ 45	.4	2.4	2.5	2.4	2.0	.6												86	86	92	49				
44/ 43	.1	3.1	1.6	1.4	.8	.1												60	60	99	56				
42/ 41	.6	2.9	3.1	1.2	.7	.4												74	74	112	55				
40/ 39	.4	1.2	1.8	1.4	.8													47	47	98	85				
38/ 37	.5	1.7	.8	1.3	.2													38	38	70	67				
36/ 35	.1	1.8	2.2	.4														37	37	51	87				
34/ 33	.1	.6	.7	.4														15	15	41	83				
32/ 31	.2	1.3	.4															16	16	42	60				
30/ 29		.4																3	3	16	61				
28/ 27	.1	.2	.1															4	4	8	53				
26/ 25		.2																2	2	4	44				
24/ 23	.2	.1																3	3	2	26				
22/ 21		.2																2	2	3	25				
20/ 19																					11				
18/ 17																					6				
16/ 15																					4				
TOTAL	3.220	419.7	18.4	15.8	11.1	6.9	3.1	1.0	.4									837	837	837					
Element (X)	Σ X ²		Σ X		Σ X		Σ X		Σ X		Σ X		Σ X		Σ X		Σ X		Σ X		Σ X		Σ X		
Rel. Hum.	3846292		54676		68,318,128		837		± 0 F		± 32 F		± 67 F		± 73 F		± 80 F		± 93 F		Total				
Dry Bulb	1984734		39806		47.4		8.587		837				3.3		1.3		.1						93		
Wet Bulb	1505846		38072		41.9		4.587		837				8.3										93		
Dew Point	1102312		38668		31.4		7.788		837				32.2										93		

USAFETAC FORM 0-26-5 (OL A) 1 MAY 64

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DATA PROCESSING DIVISION
USAF ETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

94010 GLASGOW MONTANA AFB

60-68

YEARS

MAY

MONTH

PAGE 1 0900-1100

HOURS (L. S. T.)

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F)																				TOTAL		TOTAL	
	0	1 - 2	3 - 4	5 - 6	7 - 8	9 - 10	11 - 12	13 - 14	15 - 16	17 - 18	19 - 20	21 - 22	23 - 24	25 - 26	27 - 28	29 - 30	≥ 31	D.B. W.B.	Dry Bulb	Wet Bulb	Dew Point			
84/ 83													.1						1	1				
82/ 81												.2							2	2				
80/ 79										.4	.1								4	4				
78/ 77									.1	.2	.1								4	4				
76/ 75									.1	.2	.5	.5							11	11				
74/ 73							.1	.4	.1	.7	.5								15	15				
72/ 71						.1	.1	.2	.4	.5	.6	.1							17	17				
70/ 69						.1	.5	.7	1.0	.7	.2	.2							29	29				
68/ 67					.1	.6	.4	.7	1.1	.7	.4								33	33				
66/ 65					.4	.2	.6	1.7	.4	.8									34	34				
64/ 63					.5	.7	1.3	1.4	1.1	.1	.1								44	44				
62/ 61				.2	.5	1.0	1.1	2.0	.6	.2									47	47	10			
60/ 59				.5	.4	.7	2.3	1.8	.6	.1									53	53	12			
58/ 57		.4		1.2	.7	1.9	1.8	2.0	1.1	.1									77	77	23			
56/ 55			.4	1.1	.8	1.6	1.6	.9	.4	.1									53	53	34	4		
54/ 53			.6	1.2	2.2	2.0	1.4	.9											66	66	47	7		
52/ 51		.6	1.2	1.1	1.1	1.6	1.3	.4											60	60	70	11		
50/ 49		.7	1.2	1.1	1.3	1.9	.5												56	56	79	25		
48/ 47		1.1	.7	1.9	1.3	1.1	.2												53	53	101	39		
46/ 45		.4	1.8	1.6	1.0	1.2	.5												53	53	106	49		
44/ 43		.2	1.9	1.1	.6	.6	.5												41	41	90	66		
42/ 41		.1	.8	.4	.4	.6	.1												20	20	89	51		
40/ 39		.6	.6	.4	.4														16	16	69	65		
38/ 37		.1	1.0	.7	.6														20	20	31	95		
36/ 35		.1	.2	.6	.2														10	10	29	76		
34/ 33		.5	.4																7	7	17	63		
32/ 31		.1	.1	.1															3	3	19	58		
30/ 29		.2	.4																5	5	5	63		
28/ 27		.1																	1	1	3	49		
26/ 25		.2																	2	2	2	36		
24/ 23																					1	31		
22/ 21																						18		
20/ 19																						19		
18/ 17																						9		
Element (X)	ΣX^2		ΣX		\bar{X}		σ_X		No. Obs.		Mean No. of Hours with Temperature							Total						
Rel. Hum.											≤ 0 F	≤ 32 F	≤ 67 F	≤ 73 F	≤ 80 F	≤ 93 F								
Dry Bulb																								
Wet Bulb																								
Dew Point																								

REMOVED PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

FORM 0-26-5 (OL A)

USAFETAC

DATA PROCESSING DIVISION
USAF ETAC
AIR WEATHER SERVICE/MAC

YEARS

60568

MAY
MONTH

PAGE 2 ~~0900-1100~~
HOURS (L. S. T.)

[illegible]

DATA PROCESSING DIVISION
USAF ETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

94010 STATION GLASGOW MONTANA AFB STATION NAME

60-68



PAGE 1 ~~1200-1400~~

DATA PROCESSING DIVISION
USAF ETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

94010 GLASGOW MONTANA AFH
STATION STATION NAME

60-68

YEARS

MAY
MONTH

PAGE 2 1200-1400
HOURS (M, S, T, F)

2

PSYCHROMETRIC SUMMARY

94010 GLASGOW MONTANA AFB
STATION STATION NAME

~~60-68~~

YEARS

~~144~~

PAGE 2 ~~1500-1700~~

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USAFETAC
FORM
MAY 64
0-26-5 (OLA)
REVISED PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

PSYCHROMETRIC SUMMARY

60-68

~~MAY~~

PAGE 1 ~~1800-2000~~

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AIR FORCE ENVIRONMENTAL TECHNICAL APPLICATIONS CENTER--ETC F/O 4/2
GLASSBORO AFB, GLASSBORO MONTANA. REVISED UNIFORM SUMMARY OF SURFAC--ETC(U)
APR 72

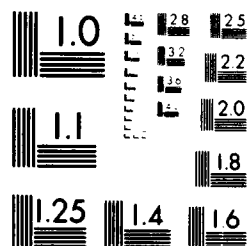
UNCLASSIFIED

USAFETAC/DS-00/015

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5 . 6

1. *Journal of the American Medical Association*, 1997; 277: 1001-1005.



MICROCOPY RESOLUTION TEST CHART
NATIONAL BUREAU OF STANDARDS-1963-A

PSYCHROMETRIC SUMMARY

60-68

YEARS

MAY
MONTH

PAGE 2 1800-2000
HOURS (L.S.T.)

PSYCHROMETRIC SUMMARY

60-68

MAY
MONTH

PAGE 1 2100-2300
HOURS (L S T)

2

YEARS

60-68

~~MAY~~
~~MONTH~~

PAGE 2 ~~2100-2300~~

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F)																		TOTAL	TOTAL		
	0	1 - 2	3 - 4	5 - 6	7 - 8	9 - 10	11 - 12	13 - 14	15 - 16	17 - 18	19 - 20	21 - 22	23 - 24	25 - 26	27 - 28	29 - 30	≥ 31	D.B. W.B.	Dry Bulb	Wet Bulb	Dew Point	
10/ 8/ 7																						
TOTAL	2.2	15.0	16.7	17.3	12.9	12.7	9.7	8.8	2.9	1.0	.7	.2							834	834	834	834

REVISED PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

D-26-5 (OL A)

WAVE

USAFETAC

2

YEARS

60867

 JUN
MONTH

0000-0200

[illegible]

2

YEARS

~~60-67~~

1975

~~9300-0500~~

USAFETAC
FEDERAL BUREAU OF INVESTIGATION
U.S. DEPARTMENT OF JUSTICE
0-26-5 (OL A)
REVISED PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

DATA PROCESSING DIVISION
USAF ETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

94010 GLASGOW MONTANA AFB
STATION STATION NAME

60-67

YEARS

JUN
MONTH

PAGE 1 0600-0800
HOURS: L S Y

[illegible]

DATA PROCESSING DIVISION
USAF ETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

94010 GLASGOW MONTANA AFB
STATION STATION NAME

60-67
YEARS

JUN
MONTH

PAGE 1 0900-1100
HOURS (L. S. T.)

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F)																																	TOTAL D.B. W.B.	TOTAL		
	0	1-2	3-4	5-6	7-8	9-10	11-12	13-14	15-16	17-18	19-20	21-22	23-24	25-26	27-28	29-30	≥ 31	Dry Bulb	Wet Bulb	Dew Point																	
88/ 87														.1	.1																	2	2				
86/ 85														.1	.2																	5	5				
84/ 83										.1				.4	.4																	7	7				
82/ 81									.1				.1	.4	.8	.4	.3															16	16				
80/ 79										.3	.6	.6	1.0	.4																		20	20				
78/ 77						.1		.1	.6	1.1	1.1	.1	.4																			26	26				
76/ 75							.3	.3	1.0	1.0	.7	.6																				27	27				
74/ 73						.6	.7	1.1	1.3	1.0	.4	.4																				39	39				
72/ 71					.1	1.0	1.5	1.7	1.4	.8	.4																					50	51				
70/ 69				.4	.4	1.1	1.3	1.3	1.3	.4	.7																					49	50	2			
68/ 67				.8	.6	1.4	2.1	1.5	1.4	1.0	.1																					64	65	1			
66/ 65		.1	.3	.1	.8	2.1	2.6	1.8	.4	.1																						59	59	1			
64/ 63		.3	.7	1.3	2.1	1.8	2.2	.8	.6																							70	70	20	3		
62/ 61		.3	.8	2.1	1.5	1.7	1.4	.8																								62	62	52	4		
60/ 59			1.8	2.0	1.8	1.9	1.5	.1																								63	63	71	12		
58/ 57	.1	.8	1.0	1.1	.7	1.0	.6	.1																								39	39	107	23		
56/ 55		.6	.1	1.9	.8	1.3	.3																									33	33	114	29		
54/ 53	.1	1.7	1.1	1.1	.6	.6	.1																									38	38	92	46		
52/ 51		1.5	.8	1.0	.1	.3																										27	27	94	82		
50/ 49		1.4	.3	.1	.6																											17	17	72	66		
48/ 47		.4	.1																													4	4	54	86		
46/ 45																																			23	64	
44/ 43																																			11	84	
42/ 41																																			3	63	
40/ 39																																				40	
38/ 37																																				39	
36/ 35																																				37	
34/ 33																																				18	
32/ 31																																				11	
30/ 29																																				7	
28/ 27																																				2	
26/ 25																																				1	
TOTAL	.3	7.1	7.1	11.0	10.2	14.4	14.5	9.9	8.1	6.1	4.9	3.1	2.0	1.1	.1																	717	720	717	717		
Element (X)	Σ x ²			Σ x			Σ x			Σ x			Σ x			No. Obs.			Mean No. of Hours with Temperature																		
Rel. Hum.	2250007			38178			53.216.999			717			≤ 0 F			≤ 32 F			≥ 67 F			≥ 73 F			≥ 80 F			≥ 93 F			Total						
Dry Bulb	3100190			46904			68.1 8.393			720									58.8			17.8			9.1						90						
Wet Bulb	2126428			32887			54.4 4.800			717									.4												90						
Dew Point	1844062			32800			48.9 4.934			717			2.4																		90						

FORM 0-26-5 (O.L.A.) REPRODUCED BY THE AIR FORCE
USAF/ETAC

DATA PROCESSING DIVISION
USAF ETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

94010 STATION GLASGOW MONTANA AFB STATION NAME

60-67

YEARS

JUN
MONTH

PAGE 1 ~~1200-1400~~
HOURS (L. S. T.)

[illegible]

2

DATA PROCESSING DIVISION
USAF ETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

94010 GLASGOW MONTANA AFB
STATION STATION NAME

60-67

YEARS

JUN
MONTH

PAGE 1 1500-1700
HOURS (L. S. T.)

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F)																															TOTAL		TOTAL																															
	0	1-2	3-4	5-6	7-8	9-10	11-12	13-14	15-16	17-18	19-20	21-22	23-24	25-26	27-28	29-30	≥ 31	D.B. W.B.	Dry Bulb	Wet Bulb	Dew Point																																												
96/ 95																	.3		2		2																																												
94/ 93																	.1		3		3																																												
92/ 91																	.1	.1	2		2																																												
90/ 89											.3	.1	.1			.6	.1		9		9																																												
88/ 87											.1	.6	.3	.7		.6			16		16																																												
86/ 85											.1	.7	.4	1.8		.1			23		23																																												
84/ 83											.3	.1	.6	.7	.6	1.0			23		23																																												
82/ 81										.1	.4	.8	1.0	.7	1.0	.1			30		30																																												
80/ 79							.1	.3	1.1	.4	1.1	2.4	.6	.8					49		49																																												
78/ 77						.3	.7	1.1	1.4	1.4	2.1	.8	.3	.3					50		50																																												
76/ 75						.1	.1	.1	2.2	2.2	.7	1.0		.1					48		48																																												
74/ 73						.3	.7	.7	1.5	2.4	.8	.8							52		52																																												
72/ 71					.3	.4	1.0	.7	1.3	1.1	1.3	.3							45		47																																												
70/ 69				.7	.7	1.1	2.1	1.5	.7	.4									52		53	2																																											
68/ 67			.1	.3	.7	1.0	2.4	2.0	2.5	1.8									77		77	4																																											
66/ 65		.3	.1	.6	.8	.6	1.5	1.3	.6										41		41	21																																											
64/ 63		.1	.6	.6	.4	1.5	.8	.8	.1	.3	.1								35		35	40																																											
62/ 61		.4	.6	.4	1.3	1.3	.3	1.3											39		39	65																																											
60/ 59		.1	.6	1.3	.4	.8	.1	.4	.1										28		28	98																																											
58/ 57	.1	.1	.7	1.1	.6	.8	.3	.3											29		29	96																																											
56/ 55	.1	.6	.6	.6	.7	.3	.4												23		23	102																																											
54/ 53		1.3	.4	.6	.1														17		17	108																																											
52/ 51		1.3	.8	.1															16		16	92																																											
50/ 49		.4	.3																5		5	42																																											
48/ 47																						28																																											
46/ 45		.3																	2		2	13																																											
44/ 43		.1																	1		1	5																																											
42/ 41																						1																																											
40/ 39																																																																	
38/ 37																																																																	
36/ 35																																																																	
34/ 33																																																																	
32/ 31																																																																	
30/ 29																																																																	
Element (X)	Σx^2					Σx					\bar{x}					σ_x					No. Obs.					Mean No. of Hours with Temperature																																							
Rel. Hum.																										≤ 0 F					≥ 32 F					≥ 67 F					≥ 73 F					≥ 80 F					≥ 93 F					Total									
Dry Bulb																																																																	
Wet Bulb																																																																	
Dew Point																																																																	

USAFETAC FORM 0-26-5 (O.L.A.) REVERSE PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

DATA PROCESSING DIVISION
USAF ETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

9401C GLASGOW MONTANA AFB
STATION STATION NAME

69-67

YEARS

JUN
MONTH

PAGE 2 1500-1700
HOURS : S Y

PSYCHROMETRIC SUMMARY

~~60-67~~

YEARS

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PAGE 1 ~~1800-2000~~

DATA PROCESSING DIVISION
USAF ETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

~~94010~~ STATION ~~GLASGOW MONTANA AFB~~ STATION NAME

~~60-67~~

YEARS



PAGE 2 ~~1800-2000~~

PSYCHROMETRIC SUMMARY

YEARS

PAGE 1 ~~1200-1400~~
HOURS (L. S. Y.)

DATA PROCESSING DIVISION
USAF ETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

94010 STATION GLASGOW MONTANA AFB STATION NAME

59-67

YEARS

PAGE 2 ~~1200-1400~~
HOURS (L. S. T.)

PSYCHROMETRIC SUMMARY

59-67

YEARS

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PAGE 1 1500-1700
HOURS 11-5 P.M.

2

2.

59-67

YEARS

JUL
MONTH

HOURS: L. S. T.

USAFETAC
FORM
JUL 64
0-26-5 (OL A)
REVISED PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

PSYCHROMETRIC SUMMARY

YEARS

MONTH

PAGE 1 1800-2000
HOURS (L. S. T.)

PSYCHROMETRIC SUMMARY

59-67

YEARS

PAGE 2 ~~1800-2000~~

DATA PROCESSING DIVISION
USAF ETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

94010 STATION GLASGOW MONTANA AFB STATION NAME

59-67

YEARS

AUC

PAGE 1 ~~0000-0200~~

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F)																														TOTAL				TOTAL
	0	1-2	3-4	5-6	7-8	9-10	11-12	13-14	15-16	17-18	19-20	21-22	23-24	25-26	27-28	29-30	>31	D.B. W.B.	Dry Bulb	Wet Bulb Dew Point															
86/ 85																	.1		1	1															
82/ 81													.2						2	2															
80/ 79												.1							1	1															
78/ 77											.1	1.1	.1						11	11															
76/ 75								.5	.2	.6	.8	.1	.4						22	22															
74/ 73							.2	.6	.4	.5	.5	.2							20	20															
72/ 71					.2	.4	.1	1.0	.8	.7	.8	.2							36	36															
70/ 69				.1	.4	1.0	1.3	1.8	1.1	1.8	.7								68	68															
68/ 67				.5	.5	.8	.8	1.7	1.7	.5	.1								55	55															
66/ 65		.1		.8	1.2	1.3	2.4	1.3	.6	.1									66	66															
64/ 63		.7	.5	1.3	1.2	1.7	2.2	1.6	.8										83	83	8														
62/ 61	.1	1.0	1.9	1.1	1.6	1.9	2.2	.8	.2										90	90	25														
60/ 59		.6	1.1	.7	1.7	2.4	1.2	.8	.2										73	73	48														
58/ 57		1.6	1.4	1.6	2.6	1.3	1.4	.5											87	87	89														
56/ 55		1.4	.6	2.2	3.3	1.4	.6	.1											81	81	95														
54/ 53		1.2	1.0	1.7	1.6	.8	.2												54	54	127														
52/ 51	.1	.6	1.6	.7	.8	.1	.1												34	34	136														
50/ 49		.7	.6	.6	.2	.2													20	20	112														
48/ 47		.6	.6	.4	.5	.1													18	18	92														
46/ 45		.4	.5	.5															11	11	52														
44/ 43		.1	.2																3	3	28														
42/ 41		.1																	1	1	13														
40/ 39																					12														
38/ 37																					44														
36/ 35																					55														
34/ 33																					30														
32/ 31																					15														
30/ 29																					6														
28/ 27																					2														
26/ 25																					1														
24/ 23																					2														
22/ 21																																			
TOTAL	.2	9.1	9.9	12.1	15.8	13.5	12.8	10.6	6.1	4.2	3.1	1.8	.7			.1			837	837	837														
Element (X)	ΣX^2			ΣX			\bar{X}			σ_x			No. Obs.			Mean No. of Hours with Temperature																			
Rel. Hum.	2918052			44948			56.1			118.475			837			$\leq 0\text{ F}$ $\leq 32\text{ F}$ $\leq 67\text{ F}$ $\leq 73\text{ F}$ $\leq 80\text{ F}$ $\leq 93\text{ F}$ Total																			
Dry Bulb	3207800			51446			61.5			7.343			837			24.0 6.3 .4 93																			
Wet Bulb	2289058			43578			52.1			4.916			837																						
Dew Point	1676118			36948			44.1			7.345			837			4.9 93																			

DATA PROCESSING DIVISION
USAF ETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

94010 GLASGOW MONTANA AFB
STATION STATION NAME

59-67

YEARS

AUG
MONTH

PAGE 1 0600-0800
HOURS (L. S. T.)

PSYCHROMETRIC SUMMARY

YEARS

AUG
MONTH

PAGE 2 ~~0900-1100~~

PSYCHROMETRIC SUMMARY

YEARS

AUG
MONTH

PAGE 2 ~~1200-1400~~
HOURS: 1 3 5

DATA PROCESSING DIVISION
USAF ETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

94010 GLASGOW MONTANA AFB
STATION STATION NAME

59-67

YEARS

AUC

PAGE 2 ~~1500-1700~~

[illegible]

DATA PROCESSING DIVISION
USAF ETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

94010 GLASGOW MONTANA AFB
STATION STATION NAME

59-67

YEARS

AUG
MONTH

PAGE 1 1800-2000
HOURS (L.S.T.)

[illegible]

DATA PROCESSING DIVISION
USAF ETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

94010 GLASGOW MONTANA AFB
STATION STATION NAME

59-67

YEARS

AUG
MONTH

PAGE 2 1800-2000
HOURS (L. S. T.)

[illegible]

2

DATA PROCESSING DIVISION
USAF ETAC
AIR WEATHER SERVICE/HAC

PSYCHROMETRIC SUMMARY

94010 GLASGOW MONTANA AFB

59-67

YEARS

AUG

MONTH

PAGE 1 2100-2300

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F)																															TOTAL		TOTAL																															
	0	1-2	3-4	5-6	7-8	9-10	11-12	13-14	15-16	17-18	19-20	21-22	23-24	25-26	27-28	29-30	≥ 31	D.B. W.B.	Dry Bulb	Wet Bulb	Dew Point																																												
88/ 87																.1																	1	1																															
86/ 85																.1																	2	2																															
84/ 83																.2																	6	6																															
82/ 81																.4																	8	8																															
80/ 79																.7																	21	21																															
78/ 77																.7																	33	33																															
76/ 75																.7																	51	51																															
74/ 73																.2																	55	55																															
72/ 71																																		61	61																														
70/ 69																																		74	74																														
68/ 67																																		78	78	1	1																												
66/ 65																																		69	69	8	1																												
64/ 63																																		69	69	14	4																												
62/ 61																																		72	72	61	5																												
60/ 59																																		73	73	61	12																												
58/ 57																																		53	53	91	22																												
56/ 55																																		41	41	132	24																												
54/ 53																																		18	18	149	44																												
52/ 51																																		22	22	122	36																												
50/ 49																																		14	14	94	50																												
48/ 47																																		8	8	59	76																												
46/ 45																																		9	9	34	93																												
44/ 43																																				21	95																												
42/ 41																																				9	92																												
40/ 39																																				1	79																												
38/ 37																																					74																												
36/ 35																																					44																												
34/ 33																																					30																												
32/ 31																																					27																												
30/ 29																																					16																												
28/ 27																																					5																												
26/ 25																																					3																												
24/ 23																																					3																												
22/ 21																																					1																												
Element (X)	Σ X ²					Σ X					X̄					σ _x					No. Obs.					Mean No. of Hours with Temperature																																							
Rel. Hum.																										≤ 0 F					≤ 32 F					≥ 67 F					≥ 73 F					≥ 80 F					≥ 93 F					Total									
Dry Bulb																																																																	
Wet Bulb																																																																	
Dew Point																																																																	

PSYCHROMETRIC SUMMARY

59-67

ALL
MON

PAGE 2 ~~2100-2300~~

[illegible]

DATA PROCESSING DIVISION
USAF ETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

94010 STATION GLASGOW MONTANA AFB STATION NAME

59-67 YEARS

SEP MONTH

PAGE 1 0000-0200 HOURS (L. S. T.)

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F)																															TOTAL		TOTAL		
	0	1-2	3-4	5-6	7-8	9-10	11-12	13-14	15-16	17-18	19-20	21-22	23-24	25-26	27-28	29-30	≥ 31	D.B. W.B.	Dry Bulb	Wet Bulb	Dew Point															
78/ 77								.1																									1	1		
74/ 73						.2	.1																										2	2		
72/ 71						.1																											1	1		
70/ 69					.1				.5	.1																							6	6		
68/ 67						.5			.5	.2																							10	10		
66/ 65					.1	.2	.7	1.0	.1	.2																							20	20		
64/ 63				.2	.2	1.0	.5	.9	.7																								29	29	5	
62/ 61			.2	.1	1.0	.7	1.4	1.2	.1																								39	39	1	
60/ 59			.7	.7	.9	1.2	1.6	1.4	.2																								53	53		2
58/ 57			.9	.5	.9	1.5	1.5	.7																									48	48	14	2
56/ 55		.5	.5	.5	1.9	1.9	.2	.2																									46	46	16	6
54/ 53		.5	.6	1.2	3.0	1.2	.9	.1																									59	59	42	7
52/ 51	.2	1.9	1.9	1.7	1.6	.9																											66	66	51	28
50/ 49	.1	1.0	2.0	2.1	2.0	1.6	.5																										75	75	69	24
48/ 47	.6	1.2	1.7	2.2	2.0	.6																											68	68	105	33
46/ 45		.6	1.4	1.9	1.6	.9																											51	51	92	38
44/ 43		1.5	1.7	1.2	.6																												41	41	69	58
42/ 41		1.5	3.6	1.4	1.1																												61	61	77	52
40/ 39		1.5	2.2	1.0	.9																												42	42	69	77
38/ 37		.7	.7	.5	.1																												17	17	61	83
36/ 35	.6	1.5	1.5																														29	29	53	99
34/ 33	.2	1.2	1.2																														22	22	30	68
32/ 31		.4	.5																														7	7	32	56
30/ 29		.1	.1																														2	2	7	54
28/ 27			.4																														3	3	5	41
26/ 25		.4	.1																														4	4	2	35
24/ 23		.5	.1																														5	5	5	22
22/ 21																																		5	5	13
20/ 19																																			3	
18/ 17																																			2	
16/ 15																																			1	
14/ 13																																			5	
12/ 11																																			1	
Element (X)	Σ X ¹					Σ X					Σ					Σ _s					No. Obs.					Mean No. of Hours with Temperature										
Rel. Hum.																										≤ 0 F					≤ 32 F					
Dry Bulb																										≤ 67 F					≤ 73 F					
Wet Bulb																										≤ 80 F					≤ 93 F					
Dew Point																															Total					

USAFETAC FORM 0-26-5 (OL A) REVERSE PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

PSYCHROMETRIC SUMMARY

59-67

SEP

PAGE 2 0000-0200

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REVISED PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

0-26-5 (OLA)

USAFETAC

2

DATA PROCESSING DIVISION
USAF ETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

94010 GLASGOW MONTANA AFB
STATION STATION NAME

59-67

YEARS

SEP

MONTH

PAGE 1 0300-0500

HOURS L. S. T.

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F)																															TOTAL			TOTAL																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																					
	0	1-2	3-4	5-6	7-8	9-10	11-12	13-14	15-16	17-18	19-20	21-22	23-24	25-26	27-28	29-30	≥ 31	D.B.	W.B.	Dry Bulb	Wet Bulb	Dew Point																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																		

USAFETAC FORM 0-26-5 (OL A) REVERSED PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

USAFETAC

DATA PROCESSING DIVISION
USAF ETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

94010 GLASGOW MONTANA AFB
STATION STATION NAME

59-67

YEARS

~~SEP~~
MONTH

PAGE 1 1200-1400
HOURS 1 2 3 4

PSYCHROMETRIC SUMMARY

YEARS

SEP
MONTH

PAGE 2 ~~1200-1400~~

2

YEARS

59-67

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PAGE 2 1500-1700
HOURS (L.S.T.)

0-26-5 (OLA)

USAFETAC

2

YEARS

~~SEP~~
MONTH

1800-2000

USAFETAC
FORM
JUL 84
0-26-5 (OLA)
REVISED PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

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SEP

1800-2000

USAFETAC FORM 0-26-5 (OL A)
JUL 64
REVISED PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

DATA PROCESSING DIVISION
USAF ETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

94010 STATION GLASGOW MONTANA AFB STATION NAME

59-67

SLP

PAGE 2 2100-2300
HOURS S T

USAFETAC FORM 0-26-5 (OL A) REVISED PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

DATA PROCESSING DIVISION
USAF ETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

96010 STATION GLASGOW MONTANA AFB STATION NAME

59-67

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PAGE 1 ~~1200-1400~~

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DATA PROCESSING DIVISION
USAF ETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

94010 GLASGOW MONTANA AFB
STATION STATION NAME

59-67

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YEARS

MONTE

PAGE 2 ~~1200-1400~~

2016-2017
HOURS: 10:00-11:00

DATA PROCESSING DIVISION
USAF ETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

24010 GLASGOW MONTANA AFB
STATION STATION NAME

59-67

Y E A R S

063

PAGE 1 ~~1500-1700~~

DATA PROCESSING DIVISION
USAF ETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

94010 GLASGOW MONTANA AFB
STATION STATION NAME

59-67

Y E A R S

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MORTH

PAGE 2 1800-2000
HOURS (L. S. T.)

DATA PROCESSING DIVISION
USAF ETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

94010 STATION GLASGOW MONTANA AFB STATION NAME

5947

YEARS

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PAGE 1 ~~2100-2300~~

PSYCHROMETRIC SUMMARY

59-67

YEARS

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PAGE 2 ~~2100-2300~~

DATA PROCESSING DIVISION
USAF ETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

94010 CLASCOM MONTANA AFB
STATION STATION NAME

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YEARS

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PAGE 1 ~~0000-0200~~

DATA PROCESSING DIVISION
USAF ETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

94010 GLASGOW MONTANA AFB
STATION STATION NAME

59-67

YEARS

NOV
MONTH

PAGE 2 0000-0200
HOURS | S | T |

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DATA PROCESSING DIVISION
USAF ETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

96010 GLASGOW MONTANA AFB
STATION STATION NAME

59-67
YEARS

JUN
MONTH

PAGE 1 0300-0500
HOURS LST

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F)																														TOTAL		TOTAL																											
	0	1-2	3-4	5-6	7-8	9-10	11-12	13-14	15-16	17-18	19-20	21-22	23-24	25-26	27	28-29	30	31	DB WB	Dry Bulb	Wet Bulb	Dew Point																																						
60/ 59																																	1	1																										
58/ 57																																	2	2																										
48/ 47																																	3	3																										
46/ 45																																	8	8																										
44/ 43																																	16	16																										
42/ 41																																	16	16																										
40/ 39																																	23	23																										
38/ 37																																	25	25																										
36/ 35																																	42	42																										
34/ 33																																	56	56																										
32/ 31																																	52	52																										
30/ 29																																	60	60																										
28/ 27																																	68	68																										
26/ 25																																	77	77																										
24/ 23																																	56	56																										
22/ 21																																	52	52																										
20/ 19																																	36	37																										
18/ 17																																	17	17																										
16/ 15																																	30	30																										
14/ 13																																	13	14																										
12/ 11																																	20	20																										
10/ 9																																	17	17																										
8/ 7																																	21	23																										
6/ 5																																	18	18																										
4/ 3																																	19	19																										
2/ 1																																	17	17																										
0/ -1																																	11	12																										
-2/ -3																																	3	3																										
-4/ -5																																	6	7																										
-6/ -7																																	4	4																										
-8/ -9																																	1	3																										
-10/-11																																	3	5																										
-12/-13																																	4	4																										
-14/-15																																	2	2																										
Element (X)	ΣX^2					ΣX					\bar{X}					σ_x					No. Obs.					Mean No. of Hours with Temperature																																		
Rel. Hum.																										≤ 0 F					≤ 32 F					≥ 67 F					≥ 73 F					≥ 80 F					≥ 93 F					Total				
Dry Bulb																																																												
Wet Bulb																																																												
Dew Point																																																												

FORM 0-26-5 (OL A) REVERSED PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE
USAFETAC

2

DATA PROCESSING DIVISION
USAF ETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

94010 STATION GLASGOW MONTANA AFB STATION NAME

59-67 YEARS

NOV MONTH

PAGE 2 0300-0500

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F)																															TOTAL				TOTAL			
	0	1-2	3-4	5-6	7-8	9-10	11-12	13-14	15-16	17-18	19-20	21-22	23-24	25-26	27-28	29-30	31	D.B. W.B.	Dry Bulb	Wet Bulb	Dew Point																		
-18/-19	.1	.1																	2	2	1	3																	
-20/-21	.1																		1	1	2	2																	
-24/-25																						1																	
-26/-27																						1																	
-32/-33																						1																	
TOTAL	22.8	47.9	17.9	7.6	2.3	1.2	.3	.1											800	810		800																	

Element (X)	Σx^2	Σx	\bar{x}	s_x	No. Obs.	Mean No. of Hours with Temperature						Total
Rel. Hum.	4620053	59887	74.9	13.092	800	$\leq 0^\circ F$	$\leq 32^\circ F$	$\geq 67^\circ F$	$\geq 73^\circ F$	$\geq 80^\circ F$	$\geq 93^\circ F$	
Dry Bulb	874378	19100	23.6	12.479	810	4.6	68.7					90
Wet Bulb	478263	17509	21.9	10.907	800	3.9	78.3					90
Dew Point	320196	13296	16.6	11.167	800	10.0	87.0					90

USAFETAC FORM 0-26-5 (O.L.A.) REVERSED PERVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

Element (X)	ΣX^2	ΣX	\bar{X}	σ_x	No. Obs.	Mean No. of Hours with Temperature						Total
Rel. Hum.	4430053	58887	74.913,093		800	$\leq 0 F$	$\leq 32 F$	$\geq 67 F$	$\geq 73 F$	$\geq 80 F$	$\geq 93 F$	
Dry Bulb	874378	19100	23.612,478		810	4.6	68.7					90
Wet Bulb	478243	17308	21.910,907		800	2.9	78.3					90
Dew Point	320194	18294	16.611,147		800	10.0	87.0					90

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DATA PROCESSING DIVISION
USAF ETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

94010 GLASGOW MONTANA AFB
STATION STATION NAME

59-67

YEARS

NOV

PAGE 1 0600-0800

FORM 0-26-5 (OL A) REVERSED PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE
USAF/ETAC

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F)																															TOTAL D.B. W.B.		TOTAL Dry Bulb Wet Bulb Dew Point																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																						
	0	1-2	3-4	5-6	7-8	9-10	11-12	13-14	15-16	17-18	19-20	21-22	23-24	25-26	27-28	29-30	31																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																							

DATA PROCESSING DIVISION
USAF ETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

94010 GLASGOW MONTANA AFB
STATION STATION NAME

59-67

NOV

PAGE 2 ~~0600-0800~~
HOURS 11 5 7

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DATA PROCESSING DIVISION
USAF ETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

94010 GLASGOW MONTANA AFB
STATION STATION NAME

59-67

YEARS

NOV

MONTH

PAGE 1 0900-1100
HOURS (L. S. T.)

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F)																															TOTAL		TOTAL						
	0	1-2	3-4	5-6	7-8	9-10	11-12	13-14	15-16	17-18	19-20	21-22	23-24	25-26	27-28	29-30	≥ 31	D.B.	W.B.	Dry Bulb	Wet Bulb	Dew Point																		
60/ 59									.2									2		2																				
56/ 55								.2										2		2																				
54/ 53					.1	.2												3		3																				
52/ 51					.1	.2	.5											7		7																				
50/ 49				.4	.5	.5	.1											12		12																				
48/ 47			.1	.5	.7	.7	.1											18		18																				
46/ 45			.2	1.1	1.2	.2												23		23																				
44/ 43			.6	1.4	1.6	.6												34		34																				
42/ 41		.4	.6	1.6	.9	.2												30		30																				
40/ 39		.2	1.1	1.6	1.2													34		34																				
38/ 37		.2	1.9	1.7	.9													38		38																				
36/ 35		1.1	2.2	2.5	.6													52		52																				
34/ 33	.2	2.0	3.6	1.2	.1													58		58																				
32/ 31	.4	3.0	3.2	.6														58		58																				
30/ 29	.5	3.2	3.9	.5														78		78																				
28/ 27	.6	3.1	1.7	.1														61		61																				
26/ 25	.6	3.1	1.2															40		40																				
24/ 23	.7	2.4	.2															27		27																				
22/ 21	.6	3.0	.4															32		32																				
20/ 19	.7	2.2																24		24																				
18/ 17	.9	1.5	.1															20		20																				
16/ 15	.4	1.9	.1															19		19																				
14/ 13	.7	2.2	.1															25		25																				
12/ 11	1.0	1.1																17		17																				
10/ 9	1.0	.6																13		13																				
8/ 7	1.2	1.0																18		18																				
6/ 5	.2	.9																9		9																				
4/ 3	.3	.9																13		13																				
2/ 1	.4	.2																5		5																				
0/ -1	.7	.4																9		9																				
-2/ -3	.4	.2																5		5																				
-4/ -5	.9																	7		7																				
-6/ -7	.6	.4																8		8																				
-8/ -9	.3																	2		2																				
Element (X)	Σ X ²					Σ X					Σ					Σ					Σ					Σ					Σ					Σ				
Rel. Hum.																																								
Dry Bulb																																								
Wet Bulb																																								
Dew Point																																								

FORM 0-26-5 (OL A) REVERSED PREVIOUS EDITIONS OF THE FORM ARE OBSOLETE
USAETAC JUL 64

PSYCHROMETRIC SUMMARY

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PAGE 2 ~~0900-1100~~
HOURS 1-3 PM

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USAFETAC
FORM
0-26-5 (OLA)
REVISED PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

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DATA PROCESSING DIVISION
USAF ETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

94010 STATION GLASGOW MONTANA AFB
STATION NAME

59-67

YEARS

NOV
MONTH

PAGE 1 1200-1400
HOURS L. S. Y.

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F)																															TOTAL		TOTAL	
	0	1-2	3-4	5-6	7-8	9-10	11-12	13-14	15-16	17-18	19-20	21-22	23-24	25-26	27-28	29-30	+31	D.B. W.B.	Dry Bulb	Wet Bulb	Dew Point														
68/ 67												.1						1		1															
66/ 65												.2						2		2															
64/ 63												.1						1		1															
62/ 61							.1	.1		.2								4		4															
60/ 59						.1	.1	.1	.4									6		6															
58/ 57						.1	.1											2		2															
56/ 55					.2	.2	.2	1.0	.4									15		15															
54/ 53				.2	.4	1.0	.7	.2										21		21		1													
52/ 51			.1	.5	1.0	1.1	.1											23		23		1													
50/ 49			.1	.1	.6	1.4	1.6											31		31		4													
48/ 47			.1	.4	1.6	1.5	.4											32		32		10													
46/ 45				.6	1.6	2.0	.6											39		39		11												1	
44/ 43			.2	1.2	1.6	1.4												36		36		27													
42/ 41			.5	1.1	1.9	.9	.1											36		36		26													
40/ 39		.2	.6	1.6	1.5	.4												35		35		47												4	
38/ 37	.1	.4	1.1	1.0	1.6	.1												51		51		57												9	
36/ 35		.9	3.3	2.6	.6													60		60		59												7	
34/ 33	.2	2.4	3.8	2.2														70		70		67												24	
32/ 31	.6	2.4	3.2	1.0	.1													59		59		104												38	
30/ 29		2.4	1.5	.9														38		38		81												60	
28/ 27	.4	2.0	1.2	.4														32		32		56												82	
26/ 25	.1	.6	1.0	.1														15		15		34												76	
24/ 23	.2	2.4	1.0															29		29		25												66	
22/ 21	.6	1.4	1.2															26		26		37												60	
20/ 19	.1	1.2	.6															16		16		20												78	
18/ 17	.5	.9	.9															18		18		21												44	
16/ 15	.1	.9																8		10		13												43	
14/ 13	.6	1.4	.1															17		17		15												33	
12/ 11	1.1	.5																13		13		21												26	
10/ 9	1.0	.9																15		15		12												21	
8/ 7	.6	.5																9		9		12												19	
6/ 5	.6	.4																8		8		8												23	
4/ 3	.5	1.0																12		12		11												18	
2/ 1	.7	.7																12		12		12												8	
Element (X)	Σ X					Σ X					Σ X					Σ X					Σ X					Σ X					Σ X				
Rel. Hum.																																			
Dry Bulb																																			
Wet Bulb																																			
Dew Point																																			

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PSYCHROMETRIC SUMMARY

59-67

NOV
MONTH

PAGE 2 1200-1400
HOURS M T W T F S S

USAFETAC FORM 0-26-5 (Q1A)
REVISED PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

DATA PROCESSING DIVISION
USAF ETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

94010 GLASGOW MONTANA AFB
STATION STATION NAME

59-47

YEARS

NOV
MONTH

PAGE 1 1500-1700
HOURS (L. S. T.)

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F)																															TOTAL		TOTAL	
	0	1-2	3-4	5-6	7-8	9-10	11-12	13-14	15-16	17-18	19-20	21-22	23-24	25-26	27-28	29-30	≥ 31	D.B. W.B.	Dry Bulb	Wet Bulb	Dew Point														
68/ 67										.1	.1							2	2																
64/ 63									.2	.1								3	3																
62/ 61					.1			.1	.1									3	3																
60/ 59						.2			.2									4	4																
58/ 57								.7										6	6																
56/ 55				.1	.2		.4	.2	.1									9	9																
54/ 53				.4	.2	.1	.5	.2										12	12	1															
52/ 51			.1	.2		.5	1.7	.1										22	22																
50/ 49					1.1	1.9	1.2											31	31	5															
48/ 47				.4	1.0	1.8	.4											26	26	11	1														
46/ 45			.1	.4	1.5	1.2	.6											31	31	7															
44/ 43			.1	.5	2.0	1.7												35	35	14	3														
42/ 41			.5	1.0	2.1	.7												35	35	26	7														
40/ 39		.1	1.1	1.7	1.1	.4	.1											37	37	49	3														
38/ 37		.1	2.9	1.2	1.4	.5												47	49	45	2														
36/ 35		1.9	3.0	2.5	.6													64	64	52	5														
34/ 33	.5	2.4	4.0	1.5	.5													71	71	85	20														
32/ 31	.6	2.4	3.0	1.2														58	58	87	17														
30/ 29		1.9	2.7	.6														42	42	85	48														
28/ 27	.4	1.7	2.0	.7														39	39	50	89														
26/ 25	.2	2.4	1.9															34	36	52	66														
24/ 23	.4	1.5	1.1															24	24	62	68														
22/ 21	.2	1.2	.6															17	17	35	70														
20/ 19	.2	1.7																14	17	19	69														
18/ 17	.1	1.4	.4															15	17	14	60														
16/ 15		1.2	.1															11	11	13	66														
14/ 13	.2	1.2	.2															14	14	14	26														
12/ 11	1.4	1.2																21	21	22	22														
10/ 9	.9	1.0																12	12	16	33														
8/ 7	.5	.9																11	11	11	24														
6/ 5	1.2	.1																11	11	16	19														
4/ 3	.1	.4																6	7	1	15														
2/ 1	.6	.6																10	10	19	14														
0/ .1	.7	.1																7	7	8	9														
Element (X)	ΣX ²		ΣX		X		n		No. Obs.		Mean No. of Hours with Temperature																								
Rel. Hum.											≤ 0 F		≤ 32 F		≥ 67 F		≥ 73 F		≥ 80 F		≥ 93 F		Total												
Dry Bulb																																			
Wet Bulb																																			
Dew Point																																			

DATA PROCESSING DIVISION
USAF ETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

~~04010~~ STATION ~~GLASGOW MONTANA AFB~~ STATION NAME

59-67

YEARS

~~NOV~~

PAGE 2 ~~1500-1700~~

[illegible]

0-26-5 (OL A)

USAFETAC

DATA PROCESSING DIVISION
USAF ETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

94010 STATION GLASGOW MONTANA AFB STATION NAME

59-67

YEARS

~~NOV~~
~~MONTH~~

PAGE 1 ~~1800-2000~~

[illegible]

PLEASE REPLY TO THE FOLLOWING ADDRESS:

0-26-5 (OLA)

USAFETAC

DATA PROCESSING DIVISION
USAF ETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

94010 GLASGOW MONTANA AFB
STATION STATION NAME

59-67

YEARS

NOV
MONTH

PAGE 2 1800-2000
HOURS (L - S - T.)

[illegible]

2

DATA PROCESSING DIVISION
USAF ETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

94010 GLASGOW MONTANA AFB
STATION STATION NAME

59-67

YEARS

NOV
MONTH

PAGE 1 2100-2300
HOURS (L, S, T)

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F)																															TOTAL		TOTAL	
	0	1-2	3-4	5-6	7-8	9-10	11-12	13-14	15-16	17-18	19-20	21-22	23-24	25-26	27-28	29-30	≥ 31	D.B. W.B.	Dry Bulb	Wet Bulb	Dew Point														
60/ 59							.1												1	1															
58/ 57							.1												1	1															
56/ 55							.1												1	1															
52/ 51				.1		.4	.1												5	5															
50/ 49				.1		.2													3	3															
48/ 47			.1		.4	.1													5	5	1														
46/ 45				.5	.5	.4													11	11	4														
44/ 43			.2	.9	.6	.1													15	15	1														
42/ 41		.5	.2	1.6	1.6	.1													33	33	9														
40/ 39		.5	.5	1.7	1.7														36	36	13	7													
38/ 37		.4	1.9	2.7	.5														44	44	20														
36/ 35		1.7	2.0	.7	.5														40	40	32	7													
34/ 33		4.3	3.0	.7															65	65	69	15													
32/ 31		4.3	1.5	1.0															55	55	79	26													
30/ 29	.1	4.7	2.1	.5															60	60	77	39													
28/ 27	.6	4.5	1.9																56	56	55	74													
26/ 25	.4	6.6	1.2	.1															67	67	73	68													
24/ 23	1.5	4.3	2.2																65	65	75	67													
22/ 21	.4	3.0	.4																30	30	54	82													
20/ 19	.7	3.7	.2																38	38	50	68													
18/ 17	.2	1.4																	13	13	25	60													
16/ 15	.6	1.6																	18	18	19	44													
14/ 13	1.7	.9																	21	21	23	32													
12/ 11	.5	.6																	9	9	11	41													
10/ 9	1.1	.7																	15	16	14	33													
8/ 7	.4	1.9																	18	19	10	20													
6/ 5	1.5	1.0																	20	20	28	13													
4/ 3	1.1	.6																	14	14	12	12													
2/ 1	1.1	.6																	14	15	16	11													
0/ -1	.5	.4																	7	8	10	17													
-2/ -3	.2	.1																	3	3	3	15													
-4/ -5	.1	.2																	3	4	2	15													
-6/ -7	1.2	.1																	11	11	11	9													
-8/ -9	.6																		8	8	6	8													
Element (X)	Σ X ²					Σ X					Σ					Σ					Σ					Σ									
Rel. Hum.																																			
Dry Bulb																																			
Wet Bulb																																			
Dew Point																																			

USAFETAC FORM 0-26-5 (OL A) REVERSED NUMBERS OF THE FORM ARE OBSOLETE JUL 64

DATA PROCESSING DIVISION
USAF ETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

94010 GLASGOW MONTANA AFB
STATION STATION NAME

59467

YEARS

~~NDV~~

PAGE 2 ~~2100-2200~~

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2

DATA PROCESSING DIVISION
USAF ETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

94010 STATION GLASGOW MONTANA AFB
STATION NAME

59-67

YEARS

DEC

PAGE 1 0000-0200
HOURS LT. S. M. T.

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F)																															TOTAL		TOTAL		
	0	1-2	3-4	5-6	7-8	9-10	11-12	13-14	15-16	17-18	19-20	21-22	23-24	25-26	27-28	29-30	>31	D.B. W.B.	Dry Bulb	Wet Bulb	Dew Point															
48/ 47						.2												2	2																	
46/ 45					.1													1	1																	
44/ 43					.2	.1												3	3																	
42/ 41					.1	.6												6	6																	
40/ 39				.2	1.2													12	12		4															
38/ 37		.1	.9	.7														14	14		2															
36/ 35		1.1	2.6	.5	.2													36	36		10															
34/ 33		1.2	1.2	.9														27	27		34	4														
32/ 31		.9	3.1	.7														38	38		31	8														
30/ 29	.2	2.3	1.6															34	34		30	24														
28/ 27	.5	2.7	.9															33	33		56	22														
26/ 25	1.0	4.8	.6															52	52		52	32														
24/ 23	1.0	3.9	.9															47	47		53	44														
22/ 21	1.5	3.4	.5															44	44		50	48														
20/ 19	1.8	3.9	.2															49	49		48	74														
18/ 17	1.7	3.4		.1														43	43		52	47														
16/ 15	1.2	2.3																30	31		37	54														
14/ 13	2.8	1.4	.1															25	26		34	34														
12/ 11	1.7	1.0																22	24		26	46														
10/ 9	3.2	.4																29	30		50	50														
8/ 7	2.2	1.1																27	27		24	29														
6/ 5	2.2	1.6																31	34		33	33														
4/ 3	1.6	1.0																21	24		22	19														
2/ 1	1.0	.4																11	12		20	20														
0/ -1	1.7	2.1																31	32		26	22														
-2/ -3	1.4	1.5																23	24		20	20														
-4/ -5	.9	.6																12	17		14	14														
-6/ -7	1.2	.9																17	18		20	14														
-8/ -9	1.2																	10	11		11	14														
-10/-11	2.1	.5																21	21		18	18														
-12/-13	1.4																	11	12		13	16														
-14/-15	.6																	5	5		5	12														
-16/-17	1.4																	11	11		11	20														
-18/-19	1.2																	10	10		10	13														
Element (X)	Σ X ²			Σ X			X			X ²			No. Obs.			Mean No. of Hours with Temperature																				
Rel. Hum.																≤ 0 F ≤ 32 F ≤ 67 F ≤ 73 F ≤ 80 F ≤ 93 F																	Total			
Dry Bulb																																				
Wet Bulb																																				
Dew Point																																				

FORM 0-26-5 (OL A)
REVISED PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

USAFETAC
JAN 64

2

DATA PROCESSING DIVISION
USAF ETAC
AIR WEATHER SERVICE/HAC

PSYCHROMETRIC SUMMARY

94010 GLASGOW MONTANA AFB
STATION STATION NAME

59-67

YEARS

DEC

1965

PAGE 2 0000-0200

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F)																															TOTAL		TOTAL			
	0	1-2	3-4	5-6	7-8	9-10	11-12	13-14	15-16	17-18	19-20	21-22	23-24	25-26	27-28	29-30	31	D.B.	W.B.	Dry Bulb	Wet Bulb	Dew Point															
20/-21	.5																															4	4	4	10		
22/-23	.2																															2	2	2	14		
24/-25	.2																															2	2	2	8		
26/-27	.4																															3	3	3	8		
28/-29	.4																															3	3	3	6		
30/-31	.2																															2	2	2	4		
32/-33																																			5		
34/-35																																			1		
36/-37																																			5		
38/-39																																			5		
TOTAL	38.7	42.6	12.8	4.7	1.0	.2																										814	837	814			

V _g	Σ _h	Σ	Σ _h	No. Obs.	Mean No. of Hours with Temperature							Total
					≤ 0 F	≤ 32 F	≥ 67 F	≥ 73 F	≥ 80 F	≥ 93 F		
000000	00398	74.2311.987	814	≤ 0 F	≤ 32 F	≥ 67 F	≥ 73 F	≥ 80 F	≥ 93 F	Total		
000000	12316	14.718.632	837	19.8	81.8					93		
000001	11192	13.804.592	814	19.3	87.3					93		
000002	0874	8.115.790	814	25.6	92.5					93		

GRAPHIC REPRODUCTION OF THIS FORM ARE OBSOLETE

No.	X	f _x	No. Obs.	Mean No. of Hours with Temperature						Total
				≤ 0 F	≤ 32 F	≤ 67 F	≤ 73 F	≤ 80 F	≤ 93 F	
00198	74.2	11.987	814							
12314	14.7	18.632	827	19.8	81.8					93
11193	13.8	14.893	814	19.3	87.3					93
8874	8.1	15.790	814	25.6	92.5					93

DATA PROCESSING DIVISION
USAF ETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

94010 GLASGOW MONTANA AFB
STATION STATION NAME

59-67

DEC

PAGE 1 0300-0500

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F)																														TOTAL		TOTAL	
	0	1-2	3-4	5-6	7-8	9-10	11-12	13-14	15-16	17-18	19-20	21-22	23-24	25-26	27-28	29-30	+31	D.B.	W.B.	Dry Bulb	Wet Bulb	Dew Point												
48/ 47						.2												2		2														
46/ 45						.1												1		1														
44/ 43			.1	.1	.1													3		3														
42/ 41			.1	.4														4		4														
40/ 39			.5	.6	.4													12		12		2												
38/ 37			1.4	.4	.1													19		19		4												
36/ 35		.9	1.4	1.1	.1													28		28		11												
34/ 33		1.1	.9	.5														20		20		31												
32/ 31	.5	2.1	1.2	.4														34		34		31												
30/ 29		2.0	2.2	.4														37		37		34												
28/ 27	.1	4.2	1.1															44		44		33												
26/ 25	1.1	4.6	.2															48		48		67												
24/ 23	.2	3.8	.5															37		37		59												
22/ 21	1.2	3.8	.5															45		45		63												
20/ 19	2.0	3.2	.1															43		43		47												
18/ 17	1.7	1.6		.2														27		27		60												
16/ 15	1.9	3.7		.1														46		46		36												
14/ 13	2.7	1.7																36		36		46												
12/ 11	2.7	.9																29		32		34												
10/ 9	2.2	.5																30		32		31												
8/ 7	2.6	1.0																29		30		26												
6/ 5	3.0	1.0																32		37		35												
4/ 3	1.7	.6																19		20		20												
2/ 1	1.5	.7																18		22		16												
0/ -1	1.2	1.4																21		21		21												
-2/ -3	1.1	1.6																22		24		19												
-4/ -5	.9	1.2																17		19		17												
-6/ -7	1.0	.4																11		15		17												
-8/ -9	1.5	.5																16		17		15												
-10/-11	1.5	.1																13		13		14												
-12/-13	1.7	.4																17		17		16												
-14/-15	.7	.2																8		8		9												
-16/-17	1.6																	13		13		13												
-18/-19	1.0																	8		8		11												
Element (X)	Σ X'		Σ X			X̄		s _x		No. Obs.		Mean No. of Hours with Temperature																						
Rel. Hum.												≤ 0 F	≤ 32 F	≤ 67 F	≤ 73 F	≤ 80 F	≤ 93 F	Total																
Dry Bulb																																		
Wet Bulb																																		
Dew Point																																		

DATA PROCESSING DIVISION
USAF ETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

94010 GLASGOW MONTANA AFB
STATION STATION NAME

59-67

DEC

PAGE 2 ~~0300-0500~~
HOURS: 5-7

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2

DATA PROCESSING DIVISION
USAF ETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

94010 STATION GLASGOW MONTANA AFB
STATION NAME

59-67

YEARS

DEC

PAGE 2 0600-0800
HOURS L. S. T.

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F)																															TOTAL				TOTAL			
	0	1-2	3-4	5-6	7-8	9-10	11-12	13-14	15-16	17-18	19-20	21-22	23-24	25-26	27-28	29-30	31	D.B. W.B.	Dry Bulb	Wet Bulb	Dew Point																		
-18/-19	1.7																		14	14	14	10																	
-20/-21	.6																		5	6	5	19																	
-22/-23	.4																		3	3	3	8																	
-24/-25	.6																		3	4	3	9																	
-26/-27	.1																		1	1	1	10																	
-28/-29	.4																		3	3	3	14																	
-30/-31	.1																		1	1	1	1																	
-32/-33																						6																	
-34/-35																						2																	
-36/-37																						1																	
-38/-39																						3																	
TOTAL	44.0	1.5	10.8	2.8	.6	.2													814	837		814																	
	</																																						

USAFETAC FORM 0-26-5 (OL A) REVERSED PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

Element (X)	ΣX	ΣX^2	ΣX^3	No. Obs.	Mean No. of Hours with Temperature						Total
Rel. Hum.	4740044	61398	78,411,876	814	$\geq 0 F$	$\geq 32 F$	$\geq 67 F$	$\geq 73 F$	$\geq 80 F$	$\geq 93 F$	
Dry Bulb	282277	11247	12,813,490	814	19.6	85.0					93
Wet Bulb	302806	10320	12,714,542	814	19.7	88.7					93
Dew Point	248888	8879	7,215,838	814	27.6	92.7					93

DATA PROCESSING DIVISION
USAF ETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

24010 STATION GLASGOW MONTANA AFB STATION NAME

59-67

YEARS

DEC

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[illegible]

2

DATA PROCESSING DIVISION
USAF ETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

STATION 94010 GLASGOW MONTANA AFB
STATION NAME

59-67

YEARS

DEC
MONTH

PAGE 2 0900-1100
HOURS - L. S. T.

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F)																															TOTAL		TOTAL																					
	0	1-2	3-4	5-6	7-8	9-10	11-12	13-14	15-16	17-18	19-20	21-22	23-24	25-26	27-28	29-30	≥ 31	D.B. W.B.	Dry Bulb	Wet Bulb	Dew Point																																		
-18/-19	.6																	5	5	5	10																																		
-20/-21	.6																	5	5	5	13																																		
-22/-23	.2																	2	2	2	7																																		
-24/-25																					6																																		
-26/-27	.1																	1	1	1	9																																		
-28/-29	.2																	2	2	2	6																																		
-30/-31																					6																																		
-32/-33																					1																																		
-34/-35																					1																																		
-36/-37																					1																																		
-38/-39																					1																																		
TOTAL	32.366	1.133	.7	5.6	2.2	.1												823	837	829	823																																		
Element (X)	Σ X ²					Σ X					Σ					Σ					Σ					Σ																													
Rel. Hum.	4800087					60121					73,111,938					823					Σ 0 F					Σ 32 F					Σ 67 F					Σ 73 F					Σ 80 F					Σ 93 F					Total				
Dry Bulb	428012					13672					14,315,566					837					17.8					78.8																													
Wet Bulb	384632					12862					14,914,462					823					18.8					86.2																													
Dew Point	268434					7662					9,013,698					823					26.6					92.0																													

USAFETAC FORM 0-26-5 (OL A) REVERSED REVISED EDITIONS OF THE FORM ARE OBSOLETE

PSYCHROMETRIC SUMMARY

~~DEC~~

PAGE 1 ~~1200-1400~~

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DATA PROCESSING DIVISION
USAF ETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

94010 STATION GLASGOW MONTANA AFB STATION NAME

59-67

YEARS

DEC 1964

PAGE 2 ~~1200-1400~~
HOURS 01-03

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F)																															TOTAL		TOTAL		
	0	1-2	3-4	5-6	7-8	9-10	11-12	13-14	15-16	17-18	19-20	21-22	23-24	25-26	27-28	29-30	≥ 31	D.B. W.B.	Dry Bulb	Wet Bulb	Dew Point															
-16/-17	.7	.1																7	7	7	7															
-18/-19	.1																	1	1	1	4															
-20/-21																					3															
-22/-23	.1																	1	1	1	8															
-24/-25	.2																	2	2	2	12															
-26/-27																					10															
-30/-31																					1															
-32/-33																					2															
-34/-35																					1															
TOTAL	20.3	47.1	115.2	10.8	4.8	1.8												833	837	833	833															

REVISED PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

0-26-5 (OL A)

W

USAFETAC

DATA PROCESSING DIVISION
USAF ETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

94010 GLASGOW MONTANA AFB
STATION STATION NAME

59-67

YEARS

DEC
MONTH

PAGE 1 1500-1700
HOURS (L.S.T.)

[illegible]

DATA PROCESSING DIVISION
USAF ETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

94010 GLASGOW HUNTING AFB
STATION STATION NAME

59-67

DEC

PAGE 2 ~~1500-1700~~

[illegible]

PSYCHROMETRIC SUMMARY

59-67

DEC

PAGE 2 ~~1800-2000~~
HOURS (L. S. T.)

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F)																															TOTAL				TOTAL			
	0	1-2	3-4	5-6	7-8	9-10	11-12	13-14	15-16	17-18	19-20	21-22	23-24	25-26	27-28	29-30	31	D.B. W.B.	Dry Bulb	Wet Bulb	Dew Point																		
-20/-21	.4																		3	3	3	14																	
-22/-23	.5																		4	4	4	8																	
-24/-25	.6																		5	5	5	4																	
-26/-27	.1																		1	1	1	11																	
-28/-29																						1																	
-30/-31																						5																	
-32/-33																						2																	
-34/-35																						6																	
TOTAL	34.0	3.4	16.0	4.7	1.7	.1													823	837	823	823																	

21

CEC

59-67

YEARS

2100-2300

[illegible]

REVISED PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

0-26-5 (OLA)

USAFETAC

AD-A082 407

AIR FORCE ENVIRONMENTAL TECHNICAL APPLICATIONS CENTER--ETC F/S 4/2
GLASGOW AFB, GLASGOW MONTANA. REVISED UNIFORM SUMMARY OF SURFAC--ETC(U)
APR 72

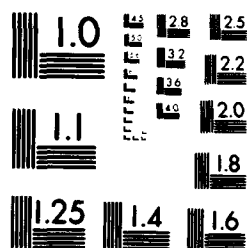
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10-80
BY



MICROCOPY RESOLUTION TEST CHART
NATIONAL BUREAU OF STANDARDS-1963-A

PSYCHROMETRIC SUMMARY

59-67

~~SECRET~~

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DATA PROCESSING DIVISION
USAF ETAC
AIR WEATHER SERVICE/MAC

MEANS AND STANDARD DEVIATIONS

DRY-BULB TEMPERATURES DEG F FROM HOURLY OBSERVATIONS

94010 GLASGOW MONTANA AFB

59-68

STATION		STATION NAME												YEARS	
HRS (LST)		JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ANNUAL	
00-02	MEAN	8.4	14.5	21.9	34.8	46.3	53.7	63.2	61.5	49.9	41.9	24.6	14.7	36.3	
	S D	17.131	14.646	15.539	8.832	8.384	6.770	6.583	7.343	9.347	9.002	12.943	15.652	21.849	
	TOTAL OBS	837	765	837	810	837	720	799	837	810	837	810	837	9736	
03-05	MEAN	7.7	13.5	20.4	32.6	43.6	53.2	60.1	58.1	47.5	39.8	23.6	14.1	34.4	
	S D	17.341	14.904	15.015	8.316	7.683	6.182	6.216	6.656	8.796	8.434	12.479	15.805	20.994	
	TOTAL OBS	837	765	836	810	837	720	813	837	810	836	810	837	9748	
06-08	MEAN	7.3	12.6	20.4	34.3	47.6	58.1	64.9	61.7	48.7	39.5	22.8	13.5	35.8	
	S D	17.280	14.575	15.063	9.085	8.587	6.983	6.440	7.704	9.259	8.477	12.326	15.490	22.696	
	TOTAL OBS	837	765	835	810	837	720	825	837	810	837	810	837	9760	
09-11	MEAN	9.5	15.5	26.2	41.3	54.9	65.1	73.6	71.1	57.5	47.6	27.9	16.3	42.1	
	S D	17.348	14.351	15.991	11.084	10.197	8.393	7.405	9.198	11.495	10.138	13.219	15.566	25.070	
	TOTAL OBS	837	765	836	810	837	720	820	837	810	837	810	837	9766	
12-14	MEAN	12.9	19.8	31.3	46.3	59.4	69.5	78.7	76.5	63.3	53.8	33.0	20.0	47.0	
	S D	17.529	14.370	16.689	12.103	11.104	9.137	8.174	9.848	12.725	11.654	14.195	15.949	25.806	
	TOTAL OBS	837	765	837	810	837	720	827	837	810	837	810	837	9764	
15-17	MEAN	13.0	20.7	32.9	47.7	60.7	70.4	80.4	78.2	64.8	54.0	32.0	18.9	47.7	
	S D	17.433	14.623	16.908	12.202	11.198	9.643	8.137	9.921	13.085	12.169	14.083	15.631	26.400	
	TOTAL OBS	837	765	837	810	837	720	829	837	809	837	809	837	9764	
18-20	MEAN	10.8	17.6	28.0	43.5	56.7	66.6	76.1	73.2	58.3	47.3	27.3	16.2	43.4	
	S D	18.998	14.997	15.933	11.175	10.477	9.147	8.080	9.651	11.756	10.618	13.129	15.457	25.471	
	TOTAL OBS	837	765	837	810	836	720	825	837	810	837	810	837	9761	
21-23	MEAN	9.5	16.0	24.5	38.5	50.2	59.8	67.8	65.5	53.0	43.7	25.7	15.2	38.9	
	S D	18.851	15.168	15.454	9.637	9.144	7.696	6.977	8.080	10.357	9.723	12.695	15.404	23.031	
	TOTAL OBS	837	765	837	810	834	720	804	837	809	837	810	837	9737	
ALL HOURS	MEAN	9.9	16.3	25.7	39.8	52.4	62.3	70.7	68.2	55.4	45.9	27.1	16.1	40.7	
	S D	17.382	14.897	16.463	11.704	11.374	10.098	10.179	11.147	12.591	11.452	13.553	15.782	24.469	
	TOTAL OBS	6696	6120	6692	6480	6692	5760	6582	6696	6478	6695	6479	6696	78026	

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DATA PROCESSING DIVISION
USAF ETAC
AIR WEATHER SERVICE/MAC

MEANS AND STANDARD DEVIATIONS

WET-BULB TEMPERATURES DEG F FROM HOURLY OBSERVATIONS

94010 GLASGOW MONTANA AFB

59-68

STATION

STATION NAME

YEARS

HRS (LST)	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ANNUAL
00-02	MEAN 7.3 S D 16.264 TOTAL OBS 834	MEAN 13.9 S D 14.076 TOTAL OBS 740	MEAN 20.1 S D 14.183 TOTAL OBS 829	MEAN 31.2 S D 6.999 TOTAL OBS 809	MEAN 40.9 S D 6.586 TOTAL OBS 837	MEAN 50.0 S D 5.200 TOTAL OBS 717	MEAN 54.9 S D 4.898 TOTAL OBS 796	MEAN 52.1 S D 4.914 TOTAL OBS 837	MEAN 43.5 S D 7.153 TOTAL OBS 810	MEAN 36.7 S D 6.852 TOTAL OBS 837	MEAN 22.7 S D 10.964 TOTAL OBS 800	MEAN 13.8 S D 14.593 TOTAL OBS 814	MEAN 32.2 S D 16.750 TOTAL OBS 9660
03-05	MEAN 6.9 S D 16.460 TOTAL OBS 828	MEAN 12.9 S D 13.929 TOTAL OBS 750	MEAN 18.9 S D 13.965 TOTAL OBS 822	MEAN 29.8 S D 6.984 TOTAL OBS 809	MEAN 39.3 S D 6.503 TOTAL OBS 837	MEAN 48.5 S D 5.154 TOTAL OBS 717	MEAN 53.5 S D 4.912 TOTAL OBS 810	MEAN 50.7 S D 4.829 TOTAL OBS 837	MEAN 42.3 S D 7.165 TOTAL OBS 810	MEAN 35.5 S D 6.643 TOTAL OBS 837	MEAN 21.9 S D 10.907 TOTAL OBS 800	MEAN 13.2 S D 14.886 TOTAL OBS 810	MEAN 31.1 S D 16.533 TOTAL OBS 9667
06-08	MEAN 6.5 S D 16.436 TOTAL OBS 831	MEAN 12.1 S D 14.090 TOTAL OBS 791	MEAN 18.8 S D 13.963 TOTAL OBS 824	MEAN 31.0 S D 7.375 TOTAL OBS 809	MEAN 41.9 S D 6.587 TOTAL OBS 837	MEAN 51.3 S D 4.862 TOTAL OBS 717	MEAN 56.2 S D 4.580 TOTAL OBS 822	MEAN 52.9 S D 4.877 TOTAL OBS 837	MEAN 43.2 S D 7.417 TOTAL OBS 810	MEAN 35.4 S D 6.727 TOTAL OBS 837	MEAN 21.2 S D 10.984 TOTAL OBS 800	MEAN 12.7 S D 14.543 TOTAL OBS 814	MEAN 31.9 S D 19.560 TOTAL OBS 9689
09-11	MEAN 8.4 S D 16.407 TOTAL OBS 830	MEAN 14.5 S D 13.652 TOTAL OBS 758	MEAN 23.3 S D 13.793 TOTAL OBS 831	MEAN 35.2 S D 7.742 TOTAL OBS 810	MEAN 45.6 S D 6.700 TOTAL OBS 837	MEAN 54.4 S D 4.800 TOTAL OBS 717	MEAN 59.4 S D 4.749 TOTAL OBS 830	MEAN 56.8 S D 4.782 TOTAL OBS 837	MEAN 47.8 S D 7.640 TOTAL OBS 810	MEAN 40.1 S D 6.895 TOTAL OBS 837	MEAN 24.9 S D 11.237 TOTAL OBS 806	MEAN 14.9 S D 14.462 TOTAL OBS 823	MEAN 35.4 S D 19.931 TOTAL OBS 9726
12-14	MEAN 11.5 S D 16.251 TOTAL OBS 832	MEAN 18.2 S D 13.251 TOTAL OBS 761	MEAN 26.9 S D 13.302 TOTAL OBS 834	MEAN 37.8 S D 7.641 TOTAL OBS 810	MEAN 47.6 S D 6.603 TOTAL OBS 837	MEAN 55.8 S D 4.953 TOTAL OBS 717	MEAN 60.7 S D 4.778 TOTAL OBS 827	MEAN 58.3 S D 4.706 TOTAL OBS 837	MEAN 49.8 S D 7.528 TOTAL OBS 810	MEAN 43.1 S D 7.239 TOTAL OBS 837	MEAN 28.3 S D 11.338 TOTAL OBS 807	MEAN 17.8 S D 14.356 TOTAL OBS 833	MEAN 37.9 S D 19.266 TOTAL OBS 9744
15-17	MEAN 11.5 S D 16.251 TOTAL OBS 832	MEAN 19.2 S D 13.363 TOTAL OBS 755	MEAN 27.8 S D 13.242 TOTAL OBS 837	MEAN 38.5 S D 7.476 TOTAL OBS 810	MEAN 48.0 S D 6.398 TOTAL OBS 837	MEAN 55.9 S D 4.877 TOTAL OBS 717	MEAN 60.8 S D 4.404 TOTAL OBS 827	MEAN 58.4 S D 4.610 TOTAL OBS 837	MEAN 50.1 S D 7.382 TOTAL OBS 809	MEAN 43.0 S D 7.451 TOTAL OBS 837	MEAN 27.6 S D 11.280 TOTAL OBS 803	MEAN 17.0 S D 14.349 TOTAL OBS 829	MEAN 38.1 S D 19.277 TOTAL OBS 9732
18-20	MEAN 9.7 S D 16.060 TOTAL OBS 831	MEAN 16.4 S D 14.050 TOTAL OBS 755	MEAN 24.7 S D 13.473 TOTAL OBS 834	MEAN 36.4 S D 7.414 TOTAL OBS 810	MEAN 46.3 S D 6.501 TOTAL OBS 837	MEAN 54.7 S D 5.041 TOTAL OBS 720	MEAN 59.5 S D 4.372 TOTAL OBS 822	MEAN 56.5 S D 4.743 TOTAL OBS 837	MEAN 47.4 S D 7.305 TOTAL OBS 810	MEAN 39.5 S D 7.272 TOTAL OBS 837	MEAN 24.7 S D 11.137 TOTAL OBS 800	MEAN 15.0 S D 14.332 TOTAL OBS 823	MEAN 35.8 S D 19.525 TOTAL OBS 9717
21-23	MEAN 8.5 S D 15.979 TOTAL OBS 832	MEAN 15.2 S D 14.293 TOTAL OBS 755	MEAN 22.1 S D 13.694 TOTAL OBS 832	MEAN 33.6 S D 7.182 TOTAL OBS 810	MEAN 43.2 S D 6.576 TOTAL OBS 834	MEAN 52.0 S D 5.049 TOTAL OBS 718	MEAN 56.7 S D 4.723 TOTAL OBS 801	MEAN 53.5 S D 4.811 TOTAL OBS 837	MEAN 44.8 S D 7.123 TOTAL OBS 809	MEAN 37.6 S D 7.122 TOTAL OBS 837	MEAN 23.4 S D 11.033 TOTAL OBS 805	MEAN 14.1 S D 14.332 TOTAL OBS 817	MEAN 33.6 S D 16.937 TOTAL OBS 9687
ALL HOURS	MEAN 8.8 S D 16.387 TOTAL OBS 6450	MEAN 15.3 S D 14.028 TOTAL OBS 6025	MEAN 22.8 S D 14.077 TOTAL OBS 6647	MEAN 34.2 S D 7.976 TOTAL OBS 6477	MEAN 44.1 S D 7.220 TOTAL OBS 6492	MEAN 52.8 S D 5.632 TOTAL OBS 5740	MEAN 57.7 S D 5.348 TOTAL OBS 6525	MEAN 54.9 S D 5.327 TOTAL OBS 6696	MEAN 46.1 S D 7.873 TOTAL OBS 6478	MEAN 38.9 S D 7.601 TOTAL OBS 6496	MEAN 24.3 S D 11.362 TOTAL OBS 6423	MEAN 14.8 S D 14.563 TOTAL OBS 6363	MEAN 34.5 S D 19.397 TOTAL OBS 77622

DATA PROCESSING DIVISION
USAF ETAC
AIR WEATHER SERVICE/MAC

MEANS AND STANDARD DEVIATIONS

DEW-POINT TEMPERATURES DEG F FROM HOURLY OBSERVATIONS

94010 GLASGOW MONTANA AFB

59-68

STATION	STATION NAME	YEARS													
HRS (LST)		JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ANNUAL	
00-02	MEAN	1.5	9.5	14.8	25.1	34.4	44.9	48.7	44.1	36.9	29.6	17.2	8.1	26.1	
	S D	18.045	15.682	15.004	7.871	8.157	6.827	7.006	7.345	8.056	7.648	11.280	15.790	19.052	
	TOTAL OBS	834	740	829	809	837	717	796	837	810	837	800	814	9660	
03-05	MEAN	.9	8.3	13.8	24.6	33.9	44.2	48.4	44.4	36.7	29.2	16.6	7.5	25.7	
	S D	18.280	15.575	14.945	7.858	8.048	6.845	6.593	6.775	8.051	7.398	11.147	16.275	19.212	
	TOTAL OBS	828	750	822	809	837	717	810	837	810	837	800	810	9667	
06-08	MEAN	.4	7.6	13.8	25.4	35.4	45.8	50.0	45.9	37.6	29.6	16.0	7.2	26.2	
	S D	18.261	15.778	14.919	8.101	7.788	6.210	6.262	6.234	8.167	7.249	11.358	15.938	19.846	
	TOTAL OBS	831	751	824	809	837	717	822	837	810	837	800	814	9689	
09-11	MEAN	2.1	9.7	16.6	26.3	35.9	45.9	49.8	46.4	38.8	31.0	18.5	9.0	27.5	
	S D	18.231	15.187	15.820	8.340	8.255	6.934	7.311	6.406	8.007	6.990	11.114	15.698	19.182	
	TOTAL OBS	830	758	831	810	837	717	830	837	810	837	806	823	9726	
12-14	MEAN	4.7	12.8	18.5	26.0	35.5	45.1	48.7	45.0	37.7	30.6	19.6	11.0	27.8	
	S D	17.947	14.561	12.492	8.398	8.570	7.993	7.885	7.296	7.955	7.423	10.845	15.241	17.942	
	TOTAL OBS	832	761	836	810	837	717	827	837	810	837	807	833	9746	
15-17	MEAN	4.8	13.7	18.9	25.8	34.9	44.7	47.5	43.6	36.7	30.1	19.1	10.5	27.4	
	S D	17.926	14.599	12.433	8.420	8.530	7.886	7.959	7.479	7.821	8.012	10.815	15.302	17.627	
	TOTAL OBS	832	755	837	810	837	717	827	837	809	837	805	829	9732	
18-20	MEAN	3.5	11.5	17.7	26.4	35.3	45.3	47.9	43.6	36.7	29.5	18.0	9.2	27.0	
	S D	17.802	15.341	15.386	8.189	8.582	7.998	7.900	7.580	7.966	7.942	11.162	15.557	18.310	
	TOTAL OBS	831	755	836	810	836	720	822	837	810	837	800	823	9717	
21-23	MEAN	2.4	10.6	16.2	26.3	35.3	45.6	48.3	45.7	36.5	29.2	17.5	8.5	26.6	
	S D	17.810	15.660	14.126	8.031	8.280	7.116	7.663	7.463	7.886	7.863	11.234	15.581	18.716	
	TOTAL OBS	832	755	832	810	834	718	801	837	809	837	805	817	9687	
ALL HOURS	MEAN	2.5	10.5	16.3	25.7	35.1	45.2	48.7	44.6	37.2	29.8	17.8	8.9	26.8	
	S D	18.095	15.421	14.040	8.172	8.298	7.109	7.391	7.150	8.017	7.995	11.175	15.715	18.760	
	TOTAL OBS	6699	6023	6647	6477	6692	5740	6323	6496	6478	6696	6423	6563	77622	

DATA PROCESSING DIVISION
ETAC/USAF
AIR WEATHER SERVICE/MAC

RELATIVE HUMIDITY

94010 GLASGOW MONTANA AFB
STATION STATION NAME

59-68
PERIOD

ALL
MONTH

CUMULATIVE PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

MONTH	HOURS (L.S.T.)	PERCENTAGE FREQUENCY OF RELATIVE HUMIDITY GREATER THAN									MEAN RELATIVE HUMIDITY	TOTAL NO. OF OBS.
		10%	20%	30%	40%	50%	60%	70%	80%	90%		
JAN	ALL	100.0	100.0	100.0	99.8	98.0	80.1	54.2	29.9	4.8	72.1	6650
FEB		100.0	100.0	100.0	99.8	98.6	93.4	74.0	43.7	12.9	77.6	6025
MAR		100.0	99.7	97.3	92.9	86.1	74.1	54.4	32.6	6.7	69.7	6647
APR		100.0	98.2	89.9	78.9	66.6	53.9	39.8	25.6	7.9	61.5	6477
MAY		100.0	98.1	86.3	70.7	56.2	42.3	29.6	17.6	6.4	56.3	6692
JUN		100.0	97.7	88.7	73.2	60.2	45.5	32.9	17.5	6.2	58.1	5740
JUL		100.0	95.7	81.4	62.9	48.7	30.3	17.3	8.3	2.3	50.0	6535
AUG		99.9	93.2	76.0	56.8	39.7	26.0	15.7	7.7	1.6	47.2	6696
SEP		100.0	98.1	87.1	70.6	54.2	38.4	24.9	12.9	3.3	54.6	6478
OCT		100.0	98.6	90.4	76.5	59.1	42.5	28.4	16.4	5.4	57.3	6695
NOV		100.0	100.0	98.9	94.4	83.7	72.0	53.5	30.0	6.7	69.4	6424
DEC		100.0	99.9	99.9	99.0	93.4	84.3	61.6	30.0	6.6	73.0	6563
TOTALS		100.0	98.3	91.3	81.3	70.5	56.9	40.5	22.7	5.9	62.2	77622

RELATIVE HUMIDITY

JAN
MONTH

MONTH	HOURS (L.S.T.)	PERCENTAGE FREQUENCY OF RELATIVE HUMIDITY GREATER THAN									MEAN RELATIVE HUMIDITY	TOTAL NO. OF OBS.
		10%	20%	30%	40%	50%	60%	70%	80%	90%		
JAN	00-02	100.0	100.0	100.0	100.0	99.0	83.2	58.6	34.3	6.1	73.5	834
	03-05	100.0	100.0	100.0	100.0	99.4	84.3	57.6	33.3	5.2	73.3	828
	06-08	100.0	100.0	100.0	100.0	98.9	83.3	57.8	34.3	5.2	73.2	831
	09-11	100.0	100.0	100.0	99.9	99.0	79.8	53.9	28.9	4.6	72.0	830
	12-14	100.0	100.0	100.0	99.3	93.3	73.6	46.3	23.0	3.0	69.8	832
	15-17	100.0	100.0	100.0	99.5	93.7	74.3	46.8	23.6	2.6	69.8	832
	18-20	100.0	100.0	100.0	100.0	97.8	81.5	53.8	29.0	5.1	72.2	831
	21-23	100.0	100.0	100.0	99.9	98.9	81.0	56.3	23.1	6.9	73.0	832
TOTALS		300.0	300.0	300.0	99.8	98.0	80.1	54.2	29.9	4.8	72.1	6650

DATA PROCESSING DIVISION
ETAC/USAF
AIR WEATHER SERVICE/MAC

RELATIVE HUMIDITY

94010
STATION

GLASGOW MONTANA AFB
STATION NA

60-68

FEB
MONTH

**CUMULATIVE PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)**

MONTH	HOURS (L.S.T.)	PERCENTAGE FREQUENCY OF RELATIVE HUMIDITY GREATER THAN									MEAN RELATIVE HUMIDITY	TOTAL NO. OF OBS.
		10%	20%	30%	40%	50%	60%	70%	80%	90%		
FEB	00-02	100.0	100.0	100.0	100.0	99.3	96.1	79.3	48.8	16.1	79.4	740
	03-05	100.0	100.0	99.9	99.9	99.1	93.3	78.0	51.3	15.7	79.3	750
	06-08	100.0	100.0	100.0	100.0	99.6	96.1	79.8	52.6	16.5	80.0	751
	09-11	100.0	100.0	100.0	99.9	99.2	94.1	75.1	42.5	11.2	77.7	758
	12-14	100.0	100.0	100.0	99.3	97.4	88.7	64.4	33.2	7.9	74.3	761
	15-17	100.0	100.0	100.0	98.9	96.2	88.7	63.3	32.3	9.0	74.1	755
	18-20	100.0	100.0	100.0	100.0	98.5	92.7	74.2	42.4	11.0	77.1	755
	21-23	100.0	100.0	100.0	100.0	99.3	95.1	77.6	46.1	15.9	78.7	755
TOTALS		100.0	100.0	100.0	99.8	98.6	93.4	74.0	43.7	12.9	77.6	6025

2

2

MAR
MONTH

2

2

0-87.5 (DL 1)

2

DATA PROCESSING DIVISION
ETAC/USAF
AIR WEATHER SERVICE/MAC

RELATIVE HUMIDITY

94010 GLASGOW MONTANA AFB
STATION STATION NAME

60-68

PERIOD

APR
MONTH

CUMULATIVE PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

MONTH	HOURS (L.S.T.)	PERCENTAGE FREQUENCY OF RELATIVE HUMIDITY GREATER THAN									MEAN RELATIVE HUMIDITY	TOTAL NO. OF OBS.
		10%	20%	30%	40%	50%	60%	70%	80%	90%		
APR	00-02	100.0	100.0	99.1	93.9	84.3	69.0	51.4	35.2	10.9	69.8	809
	03-05	100.0	100.0	99.9	97.7	90.0	78.6	61.9	40.9	13.3	73.7	809
	06-08	100.0	100.0	99.1	93.4	86.9	75.8	57.4	37.8	13.7	71.9	809
	09-11	100.0	99.1	90.1	77.4	62.0	47.2	33.7	19.6	7.4	59.2	810
	12-14	100.0	95.9	76.2	57.3	43.5	33.2	22.3	13.6	3.7	49.9	810
	15-17	100.0	92.8	71.9	53.0	40.1	29.8	19.1	12.0	2.5	47.6	810
	18-20	100.0	96.1	85.8	69.8	53.6	40.3	28.1	16.4	4.6	55.2	810
	21-23	100.0	99.6	97.3	86.9	72.3	57.4	44.7	28.9	7.2	65.0	810
TOTALS		100.0	98.2	89.9	78.9	66.6	53.9	39.8	23.6	7.9	61.3	6477

RELATIVE HUMIDITY

MAY
MONTH

MONTH	HOURS (L.S.T.)	PERCENTAGE FREQUENCY OF RELATIVE HUMIDITY GREATER THAN									MEAN RELATIVE HUMIDITY	TOTAL NO. OF OBS.
		10%	20%	30%	40%	50%	60%	70%	80%	90%		
MAY	00-02	100.0	100.0	98.6	90.8	75.0	58.9	43.1	27.6	9.3	66.0	837
	03-05	100.0	100.0	99.9	96.2	84.2	67.4	53.4	33.1	13.1	70.5	837
	06-08	100.0	100.0	98.1	91.9	74.8	57.3	40.6	24.4	9.0	63.3	837
	09-11	100.0	98.7	88.1	66.8	46.7	32.6	20.8	12.7	4.2	52.5	837
	12-14	100.0	95.2	71.6	45.9	33.7	23.5	14.6	7.8	2.4	45.0	837
	15-17	100.0	93.5	61.8	40.6	31.7	20.5	13.3	7.3	2.5	42.5	837
	18-20	100.0	97.8	77.2	54.1	41.1	29.8	19.0	9.4	4.2	48.8	836
	21-23	100.0	99.6	95.1	79.1	62.0	48.0	31.9	18.3	6.5	59.8	834
TOTALS		100.0	98.1	86.3	70.7	56.2	42.3	29.6	17.6	6.4	56.3	6692

DATA PROCESSING DIVISION
ETAC/USAF
AIR WEATHER SERVICE/MAC

RELATIVE HUMIDITY

94010 GLASGOW MONTANA AFB

60-67

JUN

STATION

STATION NAME

PERIOD

MONTH

**CUMULATIVE PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)**

MONTH	HOURS (L.S.T.)	PERCENTAGE FREQUENCY OF RELATIVE HUMIDITY GREATER THAN									MEAN RELATIVE HUMIDITY	TOTAL NO. OF OBS.
		10%	20%	30%	40%	50%	60%	70%	80%	90%		
JUN	00-02	100.0	100.0	98.0	92.7	83.5	69.9	53.6	28.7	10.6	69.5	717
	03-05	100.0	100.0	99.3	96.7	90.1	77.1	63.5	37.4	13.7	73.6	717
	06-08	100.0	100.0	97.8	92.1	81.0	60.8	42.7	20.6	5.9	65.9	717
	09-11	100.0	98.5	88.0	72.5	50.3	34.0	19.7	9.9	3.9	53.2	717
	12-14	100.0	95.5	76.7	52.3	33.1	19.3	13.0	6.3	2.8	45.4	717
	15-17	100.0	92.5	72.0	46.6	29.7	19.7	13.1	6.8	2.8	43.9	717
	18-20	100.0	95.7	83.6	62.9	43.6	28.9	19.2	9.7	3.2	50.4	720
	21-23	100.0	99.4	94.4	85.5	70.2	53.8	38.7	20.9	6.4	62.7	718
TOTALS		100.0	97.7	88.7	75.2	60.2	43.5	32.9	17.5	6.2	58.1	5740

USAFETAC

FORM 1041-64

0-07.5 (OL 1)

RELATIVE HUMIDITY

PERIOD

JUL
MONTH

MONTH	HOURS (L.S.T.)	PERCENTAGE FREQUENCY OF RELATIVE HUMIDITY GREATER THAN									MEAN RELATIVE HUMIDITY	TOTAL NO. OF OBS.
		10%	20%	30%	40%	50%	60%	70%	80%	90%		
JUL	00-02	100.0	99.9	97.0	88.4	71.5	51.5	30.0	15.6	3.6	61.4	796
	03-05	100.0	100.0	99.3	94.7	82.8	64.3	43.5	23.7	6.5	67.1	810
	06-08	100.0	99.9	98.5	88.9	70.7	48.7	26.3	11.7	3.3	60.5	822
	09-11	100.0	98.1	83.9	56.6	34.6	17.6	7.0	2.5	.6	45.7	830
	12-14	100.0	93.0	62.9	32.6	18.3	8.6	3.9	1.9	.6	37.6	827
	15-17	100.0	85.1	53.0	26.5	13.2	6.2	3.1	1.5	.8	34.4	827
	18-20	99.9	90.9	67.6	41.5	23.4	12.5	5.8	2.7	1.1	40.1	822
	21-23	100.0	98.4	89.3	74.3	50.9	33.3	18.4	7.1	1.7	52.9	801
TOTALS		100.0	95.7	81.4	62.9	45.7	30.3	17.3	8.3	2.3	50.0	6539

USAFETAC

FORM 11-42

0-87-5 (OL 1)

2

DATA PROCESSING DIVISION
ETAC/USAF
AIR WEATHER SERVICE/MAC

RELATIVE HUMIDITY

94010
STATIONGLASGOW MONTANA AFB
STATION NAME59-67
PERIODAUG
MONTH

CUMULATIVE PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

MONTH	HOURS (L.S.T.)	PERCENTAGE FREQUENCY OF RELATIVE HUMIDITY GREATER THAN									MEAN RELATIVE HUMIDITY	TOTAL NO. OF OBS.
		10%	20%	30%	40%	50%	60%	70%	80%	90%		
AUG	00-02	100.0	99.3	92.2	78.3	57.1	39.1	23.4	12.7	2.6	56.1	837
	03-05	100.0	100.0	97.1	89.1	73.1	54.7	34.4	16.0	3.8	62.6	837
	06-08	100.0	99.9	96.1	84.2	66.9	44.6	27.1	12.7	2.4	58.9	837
	09-11	100.0	96.3	80.2	52.9	30.8	16.8	8.4	3.7	1.0	44.3	837
	12-14	99.9	85.8	54.7	30.2	17.0	9.2	5.4	2.7	.4	36.1	837
	15-17	99.6	80.3	43.1	23.3	12.2	7.6	4.3	2.3	.2	32.6	837
	18-20	99.9	87.1	60.9	33.2	20.9	12.4	6.2	4.1	.8	38.4	837
	21-23	100.0	97.1	83.3	61.3	39.9	23.9	14.7	7.4	1.8	48.6	837
TOTALS		99.9	93.2	76.0	56.8	39.7	26.0	15.7	7.7	1.6	47.2	6696

USAFETAC

FORM
JUL 64

0-87-5 (OL 1)

2
DATA PROCESSING DIVISION
ETAC/USAF
AIR WEATHER SERVICE/MAC

RELATIVE HUMIDITY

94010
STATION

GLASGOW MONTANA AFB
STATION NAME

59-67
PERIOD

SEP
MONTH

CUMULATIVE PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

MONTH	HOURS (L.S.T.)	PERCENTAGE FREQUENCY OF RELATIVE HUMIDITY GREATER THAN									MEAN RELATIVE HUMIDITY	TOTAL NO OF OBS.
		10%	20%	30%	40%	50%	60%	70%	80%	90%		
SEP	00-02	100.0	100.0	99.3	91.0	74.6	53.0	36.3	18.5	5.6	63.3	810
	03-05	100.0	100.0	99.9	95.9	83.7	64.9	45.1	25.9	5.3	67.8	810
	06-08	100.0	100.0	99.8	95.6	83.5	63.5	44.2	24.0	5.7	67.4	810
	09-11	100.0	99.8	92.3	69.8	47.0	32.2	18.1	8.5	2.1	52.6	810
	12-14	100.0	99.4	69.1	42.8	27.4	16.3	8.5	3.7	.9	42.0	810
	15-17	100.0	91.8	58.8	37.0	22.9	13.6	6.9	2.5	1.1	39.0	809
	18-20	100.0	98.0	83.0	55.9	36.7	24.1	14.8	7.0	2.1	47.7	810
	21-23	100.0	99.9	94.8	77.0	57.4	39.9	25.5	13.0	3.8	56.6	809
TOTALS		100.0	98.1	87.1	70.6	54.2	38.4	24.9	12.9	3.3	54.6	6478

DATA PROCESSING DIVISION
ETAC/USAF
AIR WEATHER SERVICE/MAC

RELATIVE HUMIDITY

94010	GLASGOW MONTANA AFB
STATION	STATION NAME

59-67

NET
MONTH

**CUMULATIVE PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)**

MONTH	HOURS (L.S.T.)	PERCENTAGE FREQUENCY OF RELATIVE HUMIDITY GREATER THAN									MEAN RELATIVE HUMIDITY	TOTAL NO. OF OBS.
		10%	20%	30%	40%	50%	60%	70%	80%	90%		
OCT	00-02	100.0	100.0	97.5	90.6	75.7	53.6	38.0	21.9	7.2	64.2	837
	03-05	100.0	100.0	98.8	95.8	82.2	63.4	45.1	26.9	8.5	67.8	836
	06-08	100.0	100.0	99.4	96.7	86.9	68.2	46.6	28.1	10.4	69.4	837
	09-11	100.0	99.6	94.9	77.1	55.2	34.5	20.8	12.2	4.3	55.4	837
	12-14	100.0	97.1	75.4	50.7	30.2	18.3	11.5	7.2	2.2	44.7	837
	15-17	100.0	93.7	70.3	49.0	31.5	21.1	12.8	6.7	2.3	44.2	837
	18-20	100.0	98.7	90.3	68.8	49.1	35.4	21.9	10.9	3.1	53.4	837
	21-23	100.0	99.4	96.5	83.3	62.1	45.3	30.8	17.1	5.0	59.5	837
TOTALS		100.0	98.6	90.4	76.5	59.1	42.3	28.4	16.4	5.4	57.3	6095

DATA PROCESSING DIVISION
ETAC/USAF
AIR WEATHER SERVICE/MAC

RELATIVE HUMIDITY

94010
STATION

GLASGOW MONTANA AFB
STATION NAME

59-67

PERIOD

NDV
MONTH

CUMULATIVE PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

MONTH	HOURS (L.S.T.)	PERCENTAGE FREQUENCY OF RELATIVE HUMIDITY GREATER THAN									MEAN RELATIVE HUMIDITY	TOTAL NO. OF OBS.
		10%	20%	30%	40%	50%	60%	70%	80%	90%		
NDV	00-02	100.0	100.0	99.6	98.8	92.9	81.4	66.5	38.8	6.6	73.6	800
	03-05	100.0	100.0	99.8	99.0	93.8	85.0	68.0	40.0	9.6	74.9	800
	06-08	100.0	100.0	100.0	99.3	95.8	86.9	68.6	41.8	9.0	75.4	800
	09-11	100.0	100.0	99.8	96.0	87.1	72.3	50.0	25.6	5.8	69.1	806
	12-14	100.0	99.9	96.5	84.1	70.1	51.1	30.1	15.5	4.8	60.6	807
	15-17	100.0	99.8	95.8	83.4	70.6	54.2	33.4	15.9	4.6	61.5	806
	18-20	100.0	100.0	99.8	94.5	84.3	68.9	51.6	26.8	6.9	68.5	800
	21-23	100.0	100.0	99.9	97.8	90.9	76.3	59.9	35.3	6.6	71.9	805
TOTALS		100.0	100.0	98.9	94.4	85.7	72.0	53.5	30.0	6.7	69.4	6424

USAFETAC

FORM
AF 64

0-87-5 (CL 1)

DATA PROCESSING DIVISION
BTAC/USAF
AIR WEATHER SERVICE/MAC

RELATIVE HUMIDITY

94010
STATION

GLASGOW MONTANA AFB
STATION NA

59-67

DEC
MONTH

**CUMULATIVE PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)**

MONTH	HOURS (L.S.T.)	PERCENTAGE FREQUENCY OF RELATIVE HUMIDITY GREATER THAN									MEAN RELATIVE HUMIDITY	TOTAL NO. OF OBS.
		10%	20%	30%	40%	50%	60%	70%	80%	90%		
DEC	00-02	100.0	99.9	99.9	99.6	96.2	86.5	64.6	35.5	7.2	74.2	814
	03-05	100.0	99.6	99.6	99.0	97.0	87.9	66.5	34.3	6.9	74.5	810
	06-08	99.9	99.8	99.8	99.3	97.7	91.3	68.1	37.8	7.6	75.4	814
	09-11	100.0	99.9	99.6	99.4	96.1	85.9	62.8	27.2	6.9	73.1	823
	12-14	100.0	100.0	100.0	97.1	90.2	75.6	49.2	16.8	4.6	68.8	833
	15-17	100.0	100.0	100.0	98.3	92.2	76.2	54.8	22.9	4.2	70.3	829
	18-20	100.0	100.0	100.0	99.6	96.5	83.5	63.3	32.4	7.0	73.5	823
	21-23	100.0	100.0	100.0	100.0	97.1	85.5	63.2	35.4	8.3	74.1	817
TOTALS		100.0	99.9	99.9	99.0	95.4	84.3	61.6	30.0	6.6	75.0	6963

USAPETACFORM
FD-64

0-07.5 (OL 1)

DATA PROCESSING DIVISION
ETAC/USAF
AIR WEATHER SERVICE (MAC)
ASHEVILLE, NORTH CAROLINA

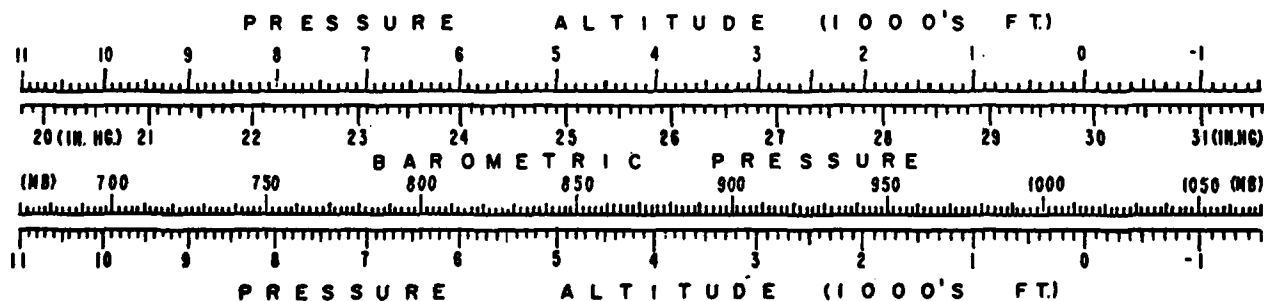
PART F

PRESSURE SUMMARY

Presented in this part are two tables giving the means, standard deviations, and total number of observations of station pressure and sea-level pressure by month and annual for the local hourly observations corresponding to the eight 3-hourly synoptic times GCT. The same computations are also provided at the bottom of the page for all hours combined. All years of data available are combined in both of these tables, although the overall period is limited to January 1946 through December 1963 because of changes in reporting practices before and after those dates.

1. Station pressure in inches of mercury.
2. Sea-level pressure in millibars.

Provided below is a scale to convert station pressure values in inches of mercury or millibars to pressure altitude in 1000's of feet. This scale is an enlarged model of the pressure altitude scale in the Smithsonian Meteorological Tables.



DATA PROCESSING DIVISION
USAF ETAC
AIR WEATHER SERVICE/MAC

MEANS AND STANDARD DEVIATIONS

STATION PRESSURE IN INCHES HG FROM HOURLY OBSERVATIONS

94010

GLASGOW MONTANA AFB

59-68

STATION		STATION NAME												YEARS	
HRS (LST)		JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ANNUAL	
02	MEAN	27.047	27.028	27.028	27.019	27.024	27.024	27.092	27.079	27.083	27.091	27.035	27.038	27.046	
	S. D.	.256	.234	.234	.204	.187	.193	.124	.134	.179	.214	.243	.242	.208	
	TOTAL OBS	279	255	279	270	279	240	267	279	270	279	270	279	3246	
05	MEAN	27.047	27.030	27.025	27.016	27.028	27.030	27.102	27.082	27.084	27.053	27.034	27.033	27.047	
	S. D.	.259	.227	.236	.205	.189	.193	.125	.136	.182	.217	.247	.245	.209	
	TOTAL OBS	279	255	279	270	279	240	273	279	270	279	270	279	3252	
08	MEAN	27.054	27.038	27.039	27.028	27.043	27.044	27.116	27.099	27.099	27.068	27.048	27.040	27.060	
	S. D.	.257	.222	.235	.207	.188	.154	.123	.135	.185	.216	.250	.245	.209	
	TOTAL OBS	278	255	278	270	279	240	273	279	270	279	270	279	3252	
11	MEAN	27.070	27.048	27.043	27.026	27.037	27.039	27.113	27.097	27.100	27.073	27.056	27.054	27.063	
	S. D.	.256	.216	.237	.207	.187	.151	.124	.133	.184	.215	.251	.244	.208	
	TOTAL OBS	279	255	279	270	279	240	277	279	270	279	270	279	3256	
14	MEAN	27.038	27.025	27.020	27.002	27.016	27.019	27.087	27.071	27.075	27.045	27.027	27.026	27.038	
	S. D.	.252	.214	.237	.204	.184	.130	.124	.133	.178	.207	.247	.245	.205	
	TOTAL OBS	279	255	279	270	279	240	274	279	270	279	270	279	3253	
17	MEAN	27.051	27.030	27.021	27.009	27.002	27.002	27.063	27.051	27.064	27.043	27.031	27.037	27.033	
	S. D.	.248	.214	.234	.200	.180	.146	.125	.131	.176	.202	.241	.239	.202	
	TOTAL OBS	279	255	279	270	279	240	277	279	270	279	270	279	3256	
20	MEAN	27.052	27.036	27.033	27.010	27.015	27.009	27.069	27.058	27.077	27.052	27.035	27.034	27.041	
	S. D.	.251	.221	.231	.199	.178	.146	.125	.133	.177	.203	.238	.239	.202	
	TOTAL OBS	279	254	279	270	278	240	274	279	270	279	269	279	3250	
23	MEAN	27.050	27.033	27.036	27.016	27.029	27.026	27.086	27.073	27.086	27.054	27.035	27.041	27.047	
	S. D.	.256	.224	.231	.201	.183	.148	.126	.135	.177	.209	.238	.240	.205	
	TOTAL OBS	279	255	279	270	278	240	268	279	270	279	269	279	3249	
ALL HOURS	MEAN	27.051	27.033	27.031	27.014	27.024	27.024	27.091	27.076	27.083	27.055	27.038	27.039	27.047	
	S. D.	.254	.221	.234	.203	.185	.130	.126	.134	.180	.210	.244	.242	.206	
	TOTAL OBS	2291	2039	2231	2100	2250	1920	2183	2232	2160	2232	2158	2232	26010	

2

DATA PROCESSING DIVISION
USAF ETAC
AIR WEATHER SERVICE/MAC

MEANS AND STANDARD DEVIATIONS

SEA LEVEL PRESSURE IN MBS FROM HOURLY OBSERVATIONS

94010 GLASGOW MONTANA AFB

59-68

STATION		STATION NAME												YEARS											
HRS (LST)		JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ANNUAL											
02	MEAN	1018.8	1017.4	1016.0	1014.0	1012.7	1011.5	1013.3	1013.1	1014.5	1014.3	1015.9	1017.6	1014.9											
	S D	10.977	9.619	10.108	8.227	7.337	5.910	4.979	5.980	7.240	8.307	9.930	9.935	8.712											
	TOTAL OBS	279	255	279	270	279	240	266	279	270	279	270	279	3245											
05	MEAN	1019.0	1017.4	1016.0	1014.0	1013.0	1011.9	1013.8	1013.3	1014.6	1014.6	1016.2	1017.6	1015.1											
	S D	11.031	9.339	10.160	8.252	7.384	5.981	5.056	6.013	7.381	8.387	10.056	10.037	8.744											
	TOTAL OBS	279	255	279	270	279	240	270	279	270	279	270	279	3249											
08	MEAN	1019.3	1018.0	1016.8	1014.5	1013.5	1012.2	1014.3	1013.9	1015.3	1015.4	1016.8	1018.0	1015.7											
	S D	10.943	9.402	10.104	8.306	7.313	5.922	4.931	5.921	7.387	8.343	10.098	10.004	8.697											
	TOTAL OBS	279	255	278	270	279	240	269	279	270	279	270	279	3247											
11	MEAN	1019.8	1018.1	1016.7	1014.3	1013.2	1012.0	1014.1	1013.8	1015.2	1015.3	1016.9	1018.3	1015.7											
	S D	10.909	9.148	10.188	8.237	7.279	5.922	4.971	5.862	7.327	8.450	10.190	9.966	8.715											
	TOTAL OBS	279	255	279	270	279	240	268	279	270	279	270	279	3247											
14	MEAN	1018.5	1017.1	1015.7	1013.3	1012.4	1011.3	1013.1	1012.8	1014.2	1014.1	1015.7	1017.2	1014.6											
	S D	10.793	9.021	10.152	8.087	7.197	5.807	4.984	5.824	7.197	8.177	10.078	9.949	8.590											
	TOTAL OBS	279	255	279	270	279	240	266	279	270	279	270	279	3245											
17	MEAN	1019.1	1017.4	1015.8	1013.8	1012.0	1010.8	1012.4	1012.2	1014.0	1014.2	1016.1	1017.7	1014.6											
	S D	10.660	9.113	10.035	7.941	7.080	5.859	5.029	5.779	7.123	7.979	9.829	9.733	8.588											
	TOTAL OBS	279	255	279	270	279	240	272	279	270	279	270	279	3251											
20	MEAN	1019.3	1017.8	1016.6	1014.3	1013.3	1012.0	1012.4	1012.4	1014.6	1014.8	1016.4	1018.0	1015.0											
	S D	10.730	9.423	9.933	8.015	7.015	5.888	4.895	5.841	7.154	8.032	9.770	9.717	8.618											
	TOTAL OBS	279	255	279	270	278	240	270	279	270	279	270	279	3248											
23	MEAN	1019.1	1017.5	1016.4	1013.9	1012.9	1011.6	1013.1	1012.9	1014.7	1014.6	1016.1	1017.8	1015.1											
	S D	10.923	9.612	9.931	8.103	7.301	5.713	5.030	5.966	7.143	8.281	9.772	9.808	8.639											
	TOTAL OBS	279	255	279	270	278	240	267	279	270	279	269	279	3244											
ALL HOURS	MEAN	1019.1	1017.6	1016.5	1014.3	1013.2	1011.5	1013.3	1013.0	1014.6	1014.6	1016.3	1017.8	1015.1											
	S D	10.861	9.332	10.074	8.148	7.232	5.816	5.026	5.918	7.241	8.322	9.930	9.884	8.671											
	TOTAL OBS	2232	2040	2231	2160	2230	1920	2148	2232	2160	2232	2159	2232	23976											

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